Self Diagnosis Supported model

SERVICE MANUAL

WAX CHASSIS

MODEL	COMMANDER	DEST	MODEL	COMMANDER	DEST
KLV-S40A10E	RM-EA002	AEP	KDL-S40A12U	RM-ED002	UK
KDL-S40A11E	RM-ED002	AEP			

RM-EA002

KLV-S40A10E / KDL-S40A11E / KDL-S40A12U

RM-ED002

FLAT PANEL COLOR TV

SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

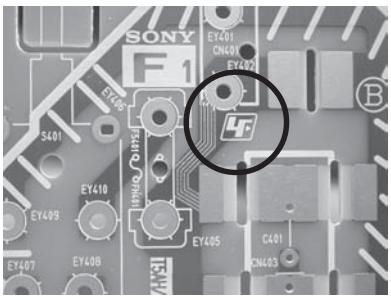
COMPONENTS IDENTIFIED BY SHADING AND MARKED ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

CAUTION

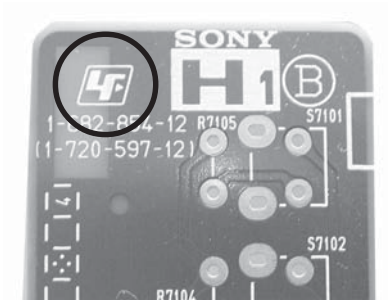
Lead Free Soldered Boards

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.

example 1



example 2



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
E	B/G/H, D/K, I, L,DVB-T	GERMAN/NICAM Stereo	VHF : E02-E12 UHF : E21-E69 CATV : S01-S20 HYPER : S21-S41 D/K : R1-R12, R21-R69 L : F2-F10, B-Q, F21-F69 I : UHF B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML
U	I, DVB-T	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC 3.58/4.43 (VIDEO ONLY) MPEG-2 MP@ML

Projected Picture Size	LCD(Liqiud Crystal Display) Panel Approx 101.5cm (40 inches).	**Sound Output**	
		Right and Left speaker	2 x 10W (RMS)
Input/Output Terminals [REAR]		**General Specifications**	
1: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.	Power Requirements	220 - 240V
		Power Consumption/ Standby	Approx 226W/0.8W (KLV-S40A10E) Approx 232W/0.8W (KDL-S40A11E) Approx 232W/0.8W (KDL-S40A12U)
2: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of Video and Audio signals (selectable). SmartLink interface.	Dimensions	Approx 999 x 740 x 370mm (with stand) Approx 999 x 693 x 103mm (without stand)
		Weight	Approx 33.0kg (with stand) Approx 26.5kg (without stand)
Phono Jacks	Output Connectors variable for Audio Signals.	Supplied Accessories	RM-EA002 Remote Commander (1) (KLV-S40A10E) RM-ED002 Remote Commander (1) (KDL-S40A11E,KDL-S40A12U) IEC designated R06 battery (2) Mains Lead (1)
HDMI	HDMI In.	Other Features	Wide Angle LCD Panel, 3D Comb Filter, SmartLink, Teletext, Light Sensor, PinP freeze, BBE Digital, HDMI input, PC input, AVC.
MODEM	Modem Jack (Digital models only).		
PCMCIA Socket	Conditional Access Module (Digital models only).		
Input/Output Terminals [SIDE]		**Remote control system : Infrared control**	
Headphone jack	stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R06 (size AA)
Audio input	phono jacks		
Video input	phono jack		
S Video input	4 pin mini DIN		
Design and specifications are subject to change without notice.			

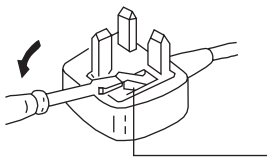
Model Name Item	KLV-S40A10E KDL-S40A11E	KDL-S40A12U
PAP	OFF	OFF
PAT	OFF	OFF
RGB Priority	ON	ON
Sub Woofer	OFF	OFF
Scart 1	ON	ON
Scart 2	ON	ON
Front in (4)	ON	ON
Projector	OFF	OFF
Norm B/G	ON	OFF
Norm I	ON	ON
Norm D/K	ON	OFF
Norm AUS	OFF	OFF
Norm L	ON	OFF
Norm SAT	OFF	OFF
Norm M	OFF	OFF
Teletext	ON	ON
Nicam Stereo	ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **13 AMP** rating. Should the fuse need to be replaced, use a **13AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the ASTA mark.

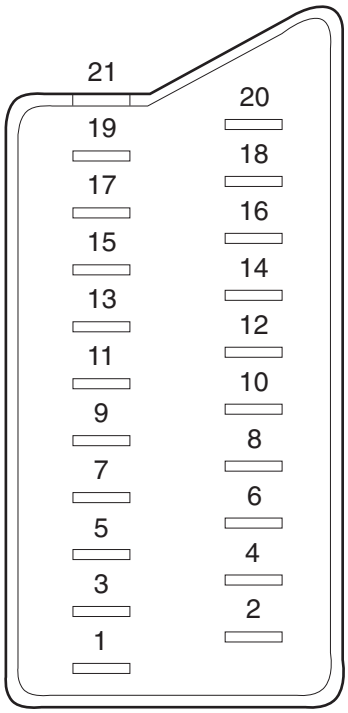
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **13 AMP FUSE**, otherwise the circuit should be protected by a **13AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

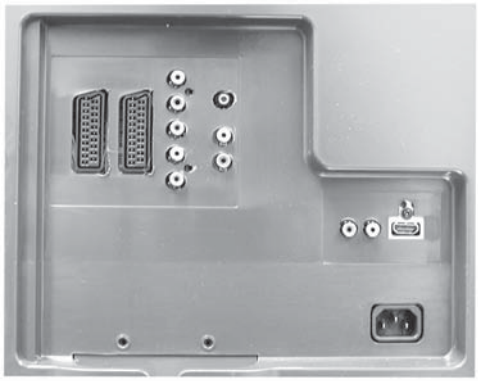
21 pin connector



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
2	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedence : More than 10kohm*
3	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedence : More than 10kohm*
7	○	○	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedence : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	Ground (green)	
10	●	○	AVlink	
11	○	○	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	●	●	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	○	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	-	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	○	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedence : 75 ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	○	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	-	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel



Side Connection Panel

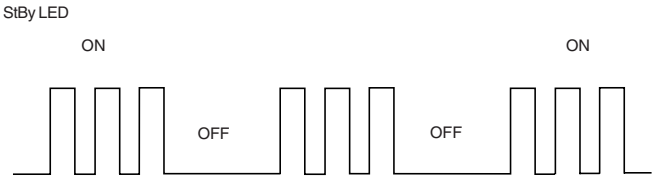
S-Video socket

S Video socket pin configuration		
Pin No	**Signal**	**Signal Level**
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V+/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V+/- 3dB 75ohm, positive Sync.

WAX SELF DIAGNOSTIC SOFTWARE

The identification of errors within the WAX chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

Flash Timing Example : e.g. error number 3

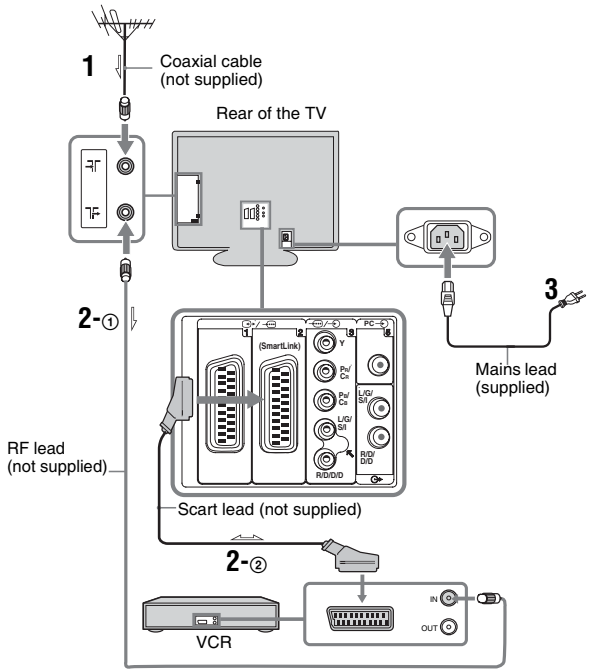


LED Error Code

LED ERROR CODE	ERROR DESCRIPTION
02	Power Supply (PA) Protection Error
03	Power Supply (PB) Protection Error
04	Panel Error
05	DC Alert Protection Error
06	Speaker Protection Error
07	AC Det / OVP / Fan Error
08	Digital Error
09	Tuner Error
10	Sound Processor Error
11	Video Processor (SVP-EX) Error
12	Chroma Decoder (CXA2163) Error
13	AV Switch (CXA2069) Error
14	RTC IC Error
15	Temperature Sensor (LM75) Error
16	Port Expander 1 Error
17	Port Expander 2 Error
18	Port Expander 3 Error
19	NVM Error
20	IIC Error

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

3: Connecting an aerial/VCR



1 Connect your aerial to the socket on the rear of the TV.

If connecting to an aerial only

Go to step 3.

2 Connect your VCR.

① Connect the socket on the rear of the TV to the input socket on your VCR with the RF lead.

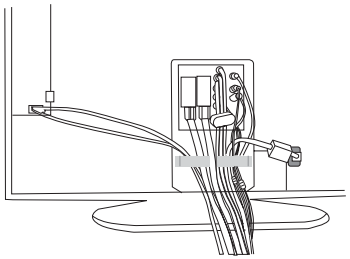
② Connect the scart socket on your VCR to the /2 scart socket on the rear of the TV with a scart lead.

3 Connect the supplied mains lead to the AC IN socket on the rear of the TV.

Note

Do not connect the mains lead to your mains socket until all connections are complete.

4 Bundle the cable.



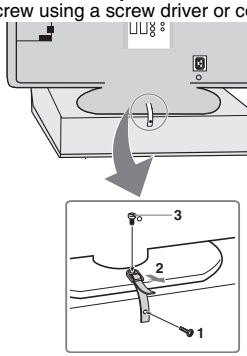
4: Preventing the TV from toppling over

After all connections are completed, secure the TV.

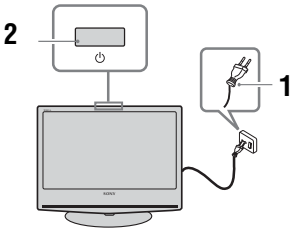
1 Fasten the supplied support belt to the stand with a screw.

2 While supporting the TV, tighten the supplied support belt to adjust the length.

3 Fit the supplied support belt to the TV stand, then firmly fasten with the supplied screw using a screw driver or coin, etc.



5: Switching on the TV



1 Connect the TV to your mains socket (220-240V AC, 50Hz).

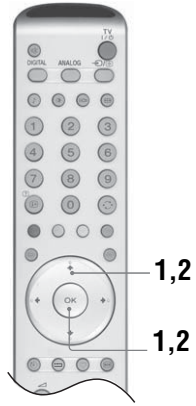
2 Press ⏻ on the TV (top side).

When you switch on the TV for the first time, the Language menu appears on the screen, then go to "6: Selecting the language and country/region" on page 12.

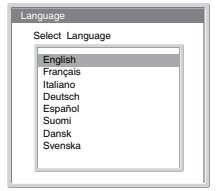
When the TV is in standby mode (the ⏻ (standby) indicator on the front of the TV is red), press TV I/⏻ on the remote to switch on the TV.

6: Selecting the language and country/region

When you switch on the TV for the first time, the Language menu appears on the screen.



1 Press ↓/↑/←/→ to select the language displayed on the menu screens, then press OK.

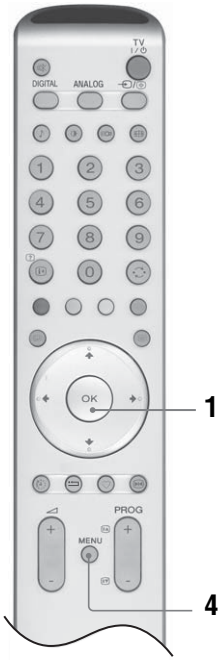


2 Press ↓/↑ to select the country/region in which you will operate the TV, then press OK.

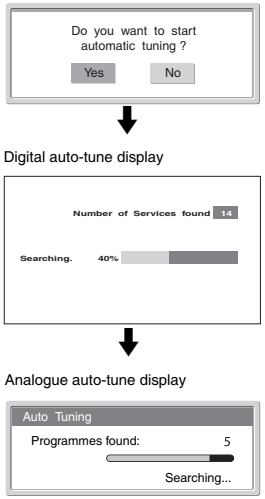
The message confirming the TV start auto-tuning appears on the screen.

7: Auto-tuning the TV

After selecting the language and country/region, a message confirming the TV start auto-tuning appears on the screen.
You must tune the TV to receive channels (TV broadcasts). Do the following to search and store all available channels.



1 Press OK to select “Yes”.



The TV starts searching for all available digital channels followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.
Once all available digital and analogue channels have been stored, the TV returns to normal operation, displaying the digital channel stored on channel number 1. If no digital channels are found, the analogue channel stored on channel 1 is displayed.

When a message appears for you to confirm the aerial connections

No digital or analogue channels are found. Check all the aerial connections and press OK twice to start auto-tuning again.

2 The Programme Sorting menu appears on the screen.

Note

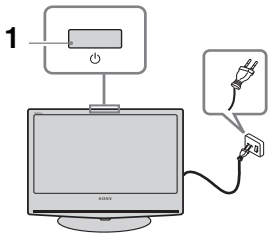
If some digital channel is found, this step will not appear

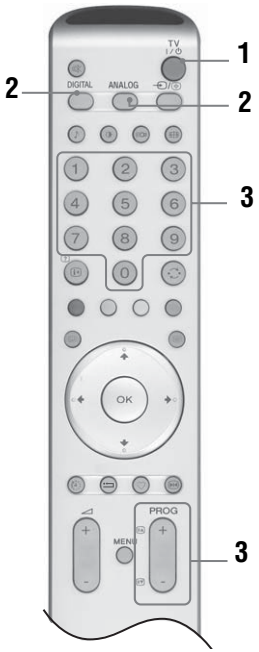
3 To change the order in which the channels are stored on the TV. See page 30.

4 Press MENU to exit.

The TV has now tuned in all the available channels.

Watching TV





1 Press ⏻ on the TV (Top side) to switch on the TV.

When the TV is in standby mode (the ⏻ (standby) indicator on the front of the TV is red), press TV I/⏻ on the remote to switch on the TV.

2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

3 Press the number buttons or PROG +/- to select a TV channel.

To select channel numbers 10 and above using the number buttons, enter the second and third digits within two seconds.
To select a digital channel using the Digital Electronic Programme Guide (EPG), see page 16.

In digital mode

An information banner appears briefly. The following icons may be indicated on the banner.

- : Radio service
- : Scrambled/Subscription service
- : Multiple audio languages available
- : Subtitles available
- : Subtitles available for the hearing impaired
- ⑱: Recommended minimum age for current programme (from 4 to 18 years)
- : Parental Lock
- : Current programme is being recorded

Additional operations

To	Do this
Turn off the TV temporarily (Standby mode)	Press TV I/⏻.
Turn on the TV from Standby mode without sound	Press 🔇. Press ◿ +/- to set the volume level
Turn off the TV completely	Press ⏻ on the top side of the TV.
Adjust the volume	Press ◿ + (increase) /- (decrease).
Mute the sound	Press 🔇. Press again to restore.
Switch to digital mode	Press DIGITAL.
Hide interactive prompts from the screen (in digital mode only)	
Switch to analogue mode	Press ANALOG.

Checking the Digital Electronic Programme Guide (EPG) DVB

Digital Electronic Programme Guide (EPG)

1 In digital mode, press TEXT to display the Digital Electronic Programme Guide (EPG).

2 Perform the desired operation in following table.

To	Do this
Turn off the EPG	Press TEXT.
Move through the EPG	Press ↓/↑/←/→.
Display the previous or next six channels	Press the red (previous) or green (next) button.
Watch a current programme	Press OK while the current programme is selected.
Sort the programme information by category – Category list	1 Press the blue button. 2 Press ↓/↑/←/→ to select a category. The category name is displayed on the side. The categories available include: **Favourite** Contains all the channels that have been stored in the Favourite list (page 18). **All categories** Contains all available channels. **News** Contains all news channels. 3 Press OK. The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.
Set a programme to be recorded – Timer REC	1 Press ↓/↑/←/→ to select the future programme you want to record. 2 Press OK. 3 Press ↓/↑ to select "Timer REC". 4 Press OK to set the TV and your VCR timers. A symbol appears by that programme's information. **Notes** • You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer. • Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled.

Viewing pictures from connected equipment

Switch on the connected equipment, then perform one of the following operation.

For equipment connected to the scart sockets using a fully-wired 21-pin scart lead

Start playback on the connected equipment.
The picture from the connected equipment appears on the screen.

For an auto-tuned VCR (page 11)

Press PROG +/-, or the number buttons, to select the video channel. You can also press INPUT/OPTIONS repeatedly until the correct input symbol (see below) appears on the screen.

For other connected equipment

Press INPUT/OPTIONS repeatedly until the correct input symbol (see below) appears on the screen or press OK to access the Input signal index table. Press → to select an input source, press ↓/↑, then press OK.

1/1, 2/2:
Audio/video or RGB input signal through the scart socket /1 or 2. appears only if an RGB source has been connected.

3:
Component input signal through the Y, PB/CB, PR/CR sockets /3, and audio input signal through the L/G/S/I, R/D/D/D sockets /3.

4/S4:
Video input signal through the video socket 4, and audio input signal through the audio socket L/G/S/I (MONO), R/D/D/D sockets 4. S appears only if the equipment is connected to the S video socket S4 instead of the video socket 4, and S video input signal is input through the S video socket S4.

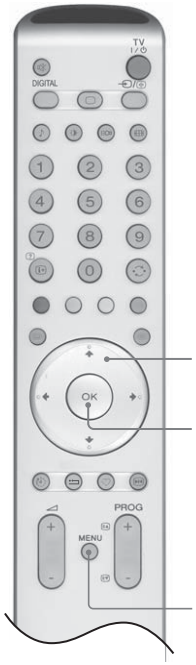
5:
RGB input signal through the PC connectors 5, and audio input signal through the socket .

6: (KDL-S40A11E, KDL-S32A11E, KDL-S26A11E only)
Digital audio/video signal is input through the HDMI IN 6 socket. Audio input signal is analogue only if the equipment has been connected using the DVI and audio out socket.

Additional operations

To	Do this
Return to the normal TV operation	Press DIGITAL or ANALOG.
Access the Input signal index table	Press OK. Press → to select an input source, press ↓/↑, then press OK.

Navigating through menus



1 Press MENU to display the menu.

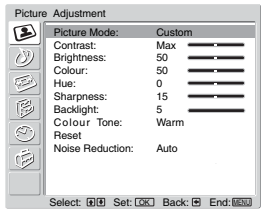
2 Press ↑/↓ to select a menu icon, press →.

3 Press ↑/↓/←/→ to select an option.

4 Press ↑/↓/←/→ to change/set the setting, then press OK.

To exit the menu, press MENU.
To return to the last display, press ←.

Picture Adjustment menu



You can select the options listed below on the Picture Adjustment menu. To select options, see “Navigating through menus” (page 19).

Tip

When you set the “Picture Mode” option to “Vivid” or “Standard,” you can adjust only “Contrast,” and “Reset.”

Picture Mode

Selects the picture mode.

1 Press OK to select “Picture Mode”.

2 Press ↓/↑ to select one of the following picture modes, then press OK.

- Vivid: For big lighted spaces.
- Standard: Optimal picture for home use.
- Custom: Allows you to store your own prefered settings.

Tip

You can change the picture mode by pressing ☼ repeatedly.

Contrast/Brightness/Colour/Hue/Sharpness/Backlight

1 Press OK to select the option.

2 Press ←/→ to set the level, then press OK.

Tip

“Hue” can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes).
“Brightness”, “Colour”, “Hue”, “Sharpness” and “Backlight” only appear and can be adjusted if “Picture Mode” is set to “Custom”.

Colour Tone

1 Press OK to select “Colour Tone”.

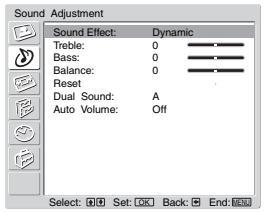
2 Press ↓/↑ to select one of the following, then press OK.

- Cool: Gives the white colours a blue tint.
- Neutral: Gives the white colours a neutral tint.
- Warm: Gives the white colours a red tint.

Tip

“Warm” only appears and can be adjusted if “Picture Mode” is set to “Custom”.

Sound Adjustment menu



You can select the options listed below on the Sound Adjustment menu. To select options, see “Navigating through menus” (page 19).

Sound Effect

1 Press OK to select “Sound Effect”.

2 Press ↓/↑ to select one of the following sound effects, then press OK.

- Natural: Enhances clarity, detail, and sound presence by using “BBE High definition Sound System*1.”
- Dynamic: Intensifies clarity and sound presence for better intelligibility and musical realism by using the “BBE High definition Sound System.”
- Dolby Virtual*2: Uses the TV speakers to simulate the surround effect produced by a multi channel system.
- Off: Flat response.

Tips

- You can change sound effect by pressing ♪ repeatedly.
- If you set “Auto Volume” to “On”, “Soud Effect” changes to “Natural”.

*1 Licensed by BBE Sound, Inc. under USP4638258, 4482866. “BBE” and BBE symbol are trademarks of BBE Sound, Inc.
*2 Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol ▯▯ are trademarks of Dolby Laboratories.

Treble/Bass/Balance

Adjusts higher-pitched sounds (Treble), adjusts lower-pitched sounds (Bass), and emphasizes left or right speaker balance (Balance).

1 Press OK to select the option.

2 Press ←/→ to set the level, then press OK.

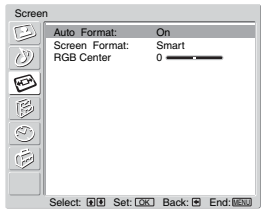
Reset

Resets the “Treble,” “Bass” and “Balance” settings to the factory settings.

1 Press OK to select “Reset”.

2 Press ↓/↑ to select “OK,” then press OK.

Screen menu



You can select the options listed below on the Screen Control menu. To select options, see “Navigating through menus” (page 19).

Auto Format

Automatically changes the screen format according to the broadcast signal.

1 Press OK to select “Auto Format”.

2 Press ↓/↑ to select “On,” then press OK.

Tips

- Even if you have selected “On” or “Off” in “Auto Format”, you can always modify the format of the screen by pressing repeatedly.
- “Auto Format” is available for PAL and SECAM signals only.

Screen Format

For details about the screen format, see page 15.

1 Press OK to select “Screen Format”.

2 Press ↓/↑ to select “Wide,” “Smart,” “4:3,” “14:9” or “Zoom” (see page 15 for details), then press OK.

RGB Center

Adjusts the horizontal picture position so that the picture is in the middle of the screen.

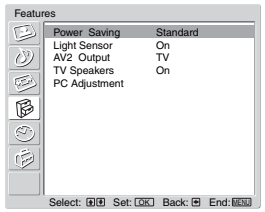
1 Press OK to select “RGB Center”.

2 Press ←/→ to adjust the centre of the picture between -5 and +5, then press OK.

Tip

This option is only available if an RGB source has been connected to the Scarts connectors 1/1 or 2/2 on the rear of the TV.

Features menu



You can select the options listed below on the Features menu. To select options, see “Navigating through menus” (page 19).

Power Saving

1 Press OK to select “Power Saving”.

2 Press ↓/↑ to select one of the following, then press OK.

- Standard: Default settings.
- Reduce: Reduces the power consumption of the TV.
- Picture Off: Switches off the picture. You can listen to the sound with the picture off.

Light Sensor

Automatically optimizes the picture settings according to the ambient light in the room.

1 Press OK to select “Light Sensor”.

2 Press ↓/↑ to select “On” then press OK.

AV2 Output

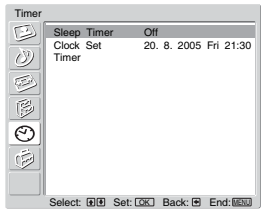
Sets a signal to be output through the socket labelled /2 on the rear of the TV. If you connect a VCR to the /2 socket, you can then record from the equipment connected to other sockets of the TV.

1 Press OK to select “AV2 Output”.

2 Press ↓/↑ to select one of the following, then press OK.

- D-TV: Outputs a digital broadcast.
- A-TV: Outputs an analogue broadcast.
- AV1: Outputs signals from equipment connected to the /1 socket.
- AV4: Outputs signals from equipment connected to the 4/S4 socket.
- Auto: Outputs whatever is being viewed on the screen.

Timer menu



You can select the options listed below on the Timer menu. To select options, see “Navigating through menus” (page 19).

Sleep Timer

Sets a period of time after which the TV automatically switches itself into the standby mode.

1 Press OK to select “Sleep Timer”.

2 Press ↓/↑ to select the desired time period (“30min”/“60min”/“90min”/“120min”), then press OK.

The ⏲ indicator on the TV (front) lights up in amber.

Tips

- If you switch off the TV and switch it on again, “Sleep Timer” is reset to “Off.”
- “Sleep timer will end soon. Power will be turned off.” appears on the screen one minute before the TV switches to the standby mode.
- If you press ⊟/?, the remaining time in minutes before the TV switches to the standby mode is displayed on the screen.

Clock Set

1 Press OK to select “Clock set”.

2 Press ↓/↑ to select the day, then press →.

3 Set the month, year, and hour in the same way as in step 2.

4 Press ↓/↑ to select the minute, then press OK. ←/→

The clock starts.

Timer

Sets a predefined period of time after which the TV automatically switches on/off.

1 Press OK to select “Timer”.

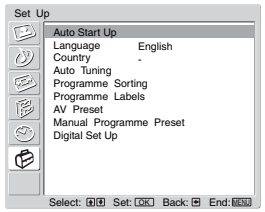
2 Press ↓/↑ to select “Set”, then press OK.

3 Press → to select the desired period (“One Day”, “Daily”, “Mon-Fri” or “Weekly”), then press OK.

4 Press ↓/↑ to select “On Time” or “Off Time”, then press OK.

5 Press ↓/↑ to active. Press →, then press ↓/↑/←/→ to set time you wish to switch on/off the TV. Press OK to confirm.

Set Up menu



You can select the options listed below on the Set Up menu. To select options, see “Navigating through menus” (page 19).

Auto Start Up

Starts the “first time operation menu” to select the language and country/region, and tune in all available digital and analogue channels. Usually, you do not need to do this operation because the language and country/region will have been selected and channels already tuned when the TV was first installed (page 13). However, this option allows you to repeat the process (e.g., to retune the TV after moving house).

1 Press OK to select “Auto Start Up”.

2 Press OK to select “Yes.”

The Language menu appears on the screen.

3 Follow steps of “6: Selecting the language and country/region” (page 12) and “7: Auto-tuning the TV” (page 13).

Language

Selects the language in which the menus are displayed.

1 Press OK to select “Language”.

2 Press ↑/↓/←/→ to select the language, then press OK.

All menus will appear in the selected language.

Country

Selects the country/region where you operate the TV.

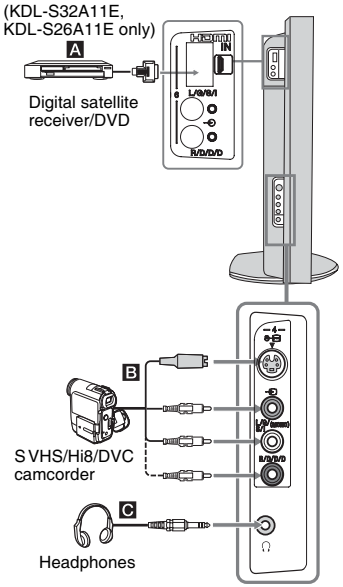
1 Press OK to select “Country”.

2 Press ↑/↓ to select the country/region in which you will operate the TV, then press OK.

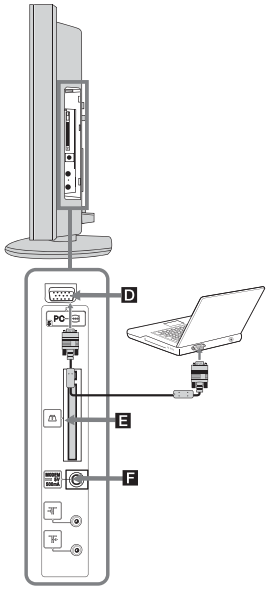
Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

Connecting to the side of the TV



To connect	Do this
Digital satellite receiver A, L	Connect only to the HDMI IN 5 socket. The digital video and audio signals are input from the digital satellite receiver. If the digital satellite receiver has a DVI socket and not an HDMI socket, connect the DVI socket to the HDMI IN 5 socket, and connect the audio socket to the audio sockets HDMI IN 5. The digital video and analogue audio signals are input from the digital satellite receiver.
S VHS/Hi 8/DVC camcorder B	Connect to the S video socket S 4 or the video socket 4, and the audio sockets 4. To avoid picture noise, do not connect the camcorder to the video socket 4 and the S video socket S 4 at the same time. If you connect mono equipment, connect to the L/G/S/I sockets 4, and set "Dual Sound" to "A" (page 24).
Headphones C	Connect to the socket to listen to sound from the TV on headphones.

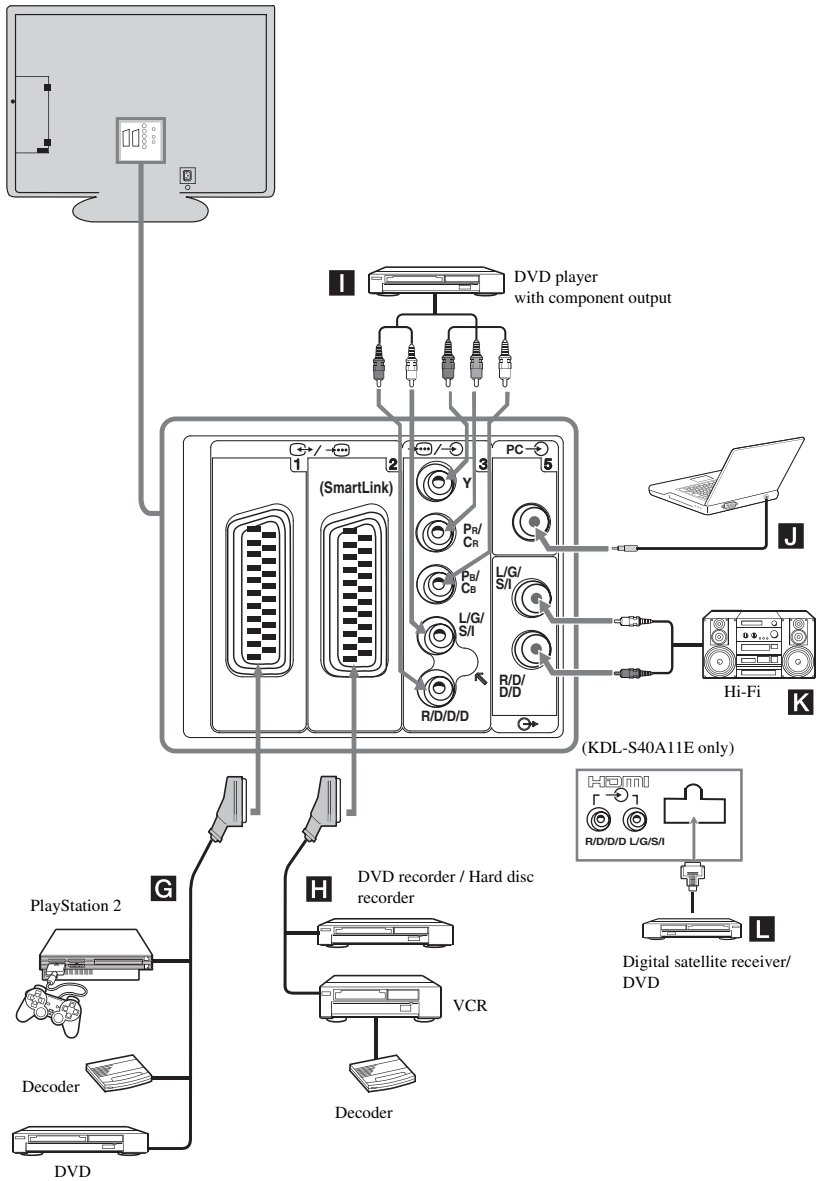


To connect	Do this
Personal Computer D	Connect to the PC Input socket 5 and the audio socket J on the rear of the TV (page 37).
CAM (Conditional Access Module) E For encripted PPV (Pay per View) services.	Remove the dummy card from the CAM slot and insert the CAM. Insert the viewing card into the CAM.
Modem connector F	For future use only.

Notes:
- Switch off the TV before inserting the CAM.
- Keep always the dummy card into the CAM slot when you remove the CAM.

Continued

Connecting to the rear of the TV



Specifications

Display Unit

Power Requirements:
220–240 V AC, 50 Hz
Screen Size:
KDL-S40A11E: 40 inches
KDL-S32A11E: 32 inches
KDL-S26A11E: 26 inches
KDL-S23A11E: 23 inches
Display Resolution (horizontal x vertical):
1366 dots x 768 lines
Power Consumption:
KDL-S40A11E: 232 W
KDL-S32A11E: 127 W
KDL-S26A11E: 89 W
KDL-S23A11E: 79 W
Standby Power Consumption:
KDL-S40A11E: 0,8 W
KDL-S32A11E: 0,5 W
KDL-S26A11E: 0,5 W
KDL-S23A11E: 0,5 W
Dimensions (w × h × d):
KDL-S40A11E:
Approx. 999 x 740 x 370 mm (with stand)
Approx. 999 x 693 x 103 mm (without stand)
KDL-S32A11E:
Approx. 792 x 608 x 309 mm (with stand)
Approx. 792 x 564 x 99 mm (without stand)
KDL-S26A11E:
Approx. 658 x 517 x 309 mm (with stand)
Approx. 658 x 474 x 90 mm (without stand)
KDL-S23A11E:
Approx. 566 x 448 x 218 mm (with stand)
Approx. 566 x 411 x 89 mm (without stand)
Weight:
KDL-S40A11E:
Approx. 33 kg (with stand)
Approx. 26,5 kg (without stand)
KDL-S32A11E:
Approx. 20 kg (with stand)
Approx. 16 kg (without stand)
KDL-S26A11E:
Approx. 16,5 kg (with stand)
Approx. 12,5 kg (without stand)
KDL-S23A11E:
Approx. 13 kg (with stand)
Approx. 9,5 kg (without stand)

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue: Depending on your country/region selection:
B/G/H, D/K, L, I.
Digital: DVB-T.

Colour/Video System

Analogue: PAL, SECAM
NTSC 3.58, 4.43 (only Video In)
Digital: MPEG-2 MP@ML

Aerial

75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue: VHF: E2–E12
UHF: E21–E69
CATV: S1–S20
HYPER: S21–S41
D/K: R1–R12, R21–R69
L: F2–F10, B–Q, F21–F69
I: UHF B21–B69
Digital: VHF/UHF

Terminals

- AV1: /1
  21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.
- AV2: /2 (SMARTLINK)
  21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface
- AV3: 3
  Y:1 Vp-p, 75 ohms, 0.3V negative sync
  P_B:0.7 Vp-p, 75 ohms
  P_R:0.7 Vp-p, 75 ohms
  Video: 480i, 576i, 480p, 576p, 720p, 1080i
  3 Audio input (phono jacks)
  500 mVrms
  Impedance: 47 kilo ohms
- AV4: S 4S video input (4-pin mini DIN)
  4 Video input (phono jack)
  4 Audio input (phono jacks)
- AV5: 5
  PC Input (15 Dsub) (see page 36)
  G: 0.7 Vp-p, 75 ohms, non Sync on Green
  B: 0.7 Vp-p, 75 ohms, non Sync on Green
  R: 0.7 Vp-p, 75 ohms, non Sync on Green
  HD: 1-5 Vp-p
  VD: 1-5 Vp-p
  PC audio input: minijack.
- Audio output (Left/Right) (phono jacks)
- AV6: 6 (KDL-S40A11E, KDL-S32A11E, KDL-S26A11E only)
  HDMI: Video: 480i, 576i, 480p, 576p, 720p, 1080i
  Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits.
  AUDIO:500 mVrms (100% modulation)
  Impedance: 47 kilo ohms
- Headphones jack
- CAM (Conditional Access Module) slot
- MODEM
  Modem jack (Not supported on this TV)

Sound Output

KDL-S40A11E: 10 W +10 W (RMS)
KDL-S32A11E: 10 W +10 W (RMS)
KDL-S26A11E: 10 W + 10 W (RMS)
KDL-S23A11E: 5 W + 5 W (RMS)

Supplied Accessories

- Remote RM-ED002 (1)
- Size AA batteries (R6 type) (2)
- Support belt (1) and screw (2)
- Mains Lead (1)

Optional Accessories

- Wall-Mount Bracket SU-PW2 (KDL-S40A11E)
- Wall-Mount Bracket SU-WL31 (KDL-S32A11E, KDL-S26A11E, KDL-S23A11E)
- TV Stand SU-FF51 (KDL-S40A11E)

Design and specifications are subject to change without notice.

PC Specifications

Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	640	480	31.5KHz	**60Hz**	VGA
	640	480	37.9KHz	72Hz	VESA
	640	480	37.5KHz	75Hz	VESA
	720	400	31.47KHz	70Hz	VGA-T
SVGA	800	600	35.1KHz	56Hz	VESA Guidelines
	800	600	37.9KHz	**60Hz**	VESA Guidelines
	800	600	48.1KHz	72Hz	VESA
	800	600	46.9KHz	75Hz	VESA
XGA	1024	768	48.4KHz	**60Hz**	VESA Guidelines
	1024	768	56.5KHz	70Hz	VESA
	1024	768	60.0KHz	75Hz	VESA
WXGA	1280	768	47.40KHz	**60Hz**	VESA
	1280	768	47.78KHz	**60Hz**	VESA

This TV does not support Sync on Green or Composite Sync.
If a signal other than in the above chart is input, it may not be displayed properly or may not be displayed as you set.
Using the Vertical frequency (Hz) of the personal computer at 60 is recommended.

Troubleshooting

Check whether the ⏻ (standby) indicator is flashing in red.

When it is flashing

The self-diagnosis function is activated.

1 Measure how long the ⏻ (standby) indicator flashes and stops flashing.
For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.

2 Press ⏻ on the TV (Top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).

When it is not flashing

1 Check the items in the tables below.

2 If the problem still persists, have your TV serviced by qualified service personnel.

Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	• Check the aerial connection. • Connect the TV to the mains, and press ⏻ on the TV (top side). • If the ⏻ (standby) indicator lights up in red, press TV ⏻.
No picture or no menu information from equipment connected to the scart connector	• Check that the optional equipment is on and press →/⊡ repeatedly until the correct input symbol is displayed on the screen. • Check the connection between the optional equipment and the TV.
Distorted picture	• When installing optional equipment, leave some space between the optional equipment and the TV. • When changing programmes or selecting Text, turn off any equipment connected to the scart connector on the rear of the TV.
Double images or ghosting	• Check aerial/cable connections. • Check the aerial location and direction.
Only snow and noise appear on the screen	• Check if the aerial is broken or bent. • Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).
Picture (dotted lines or stripes) noise	• Keep the TV away from electrical noise sources such as cars, motorcycles, or hair-dryers. • Make sure that the aerial is connected using the supplied coaxial cable. • Keep the aerial cable away from other connecting cables. • Do not use a 300-ohm twin lead cable as interference may occur.
Picture noise when viewing a TV channel	• Select “Manual Programme Preset” in the “Set Up” menu and adjust “AFT” (Automatic Fine Tuning) to obtain better picture reception (page 31). • Select “Noise Reduction” in the “Picture Adjustment” menu to reduce the noise in the picture (page 22).
Stripe noise during playback/ recording of a VCR	• Video head interference. Keep your VCR away from the TV. • Leave a space of 30 cm between your VCR and the TV to avoid noise. • Avoid installing your VCR in front of the TV or beside the TV.
Some tiny black points and/or bright points on the screen	• The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.
No colour on programmes	• Select “Reset” in the “Picture Adjustment” menu to return to the factory settings (page 22).
No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of →3	• Check the connection of the Y, PB/CB, PR/CR jacks of →3. • Make sure that the Y, PB/CB, PR/CR jacks of →3 are firmly seated in their respective sockets.

Sound

Problem	Cause/Remedy
No sound, but good picture	• Press ◿ +/– or ×̸ (Mute). • Check that “TV Speakers” is set to “on” in the “Features” menu (page 27).
Noisy sound	• See the “Picture noise” causes/remedies on page 42.

Channels

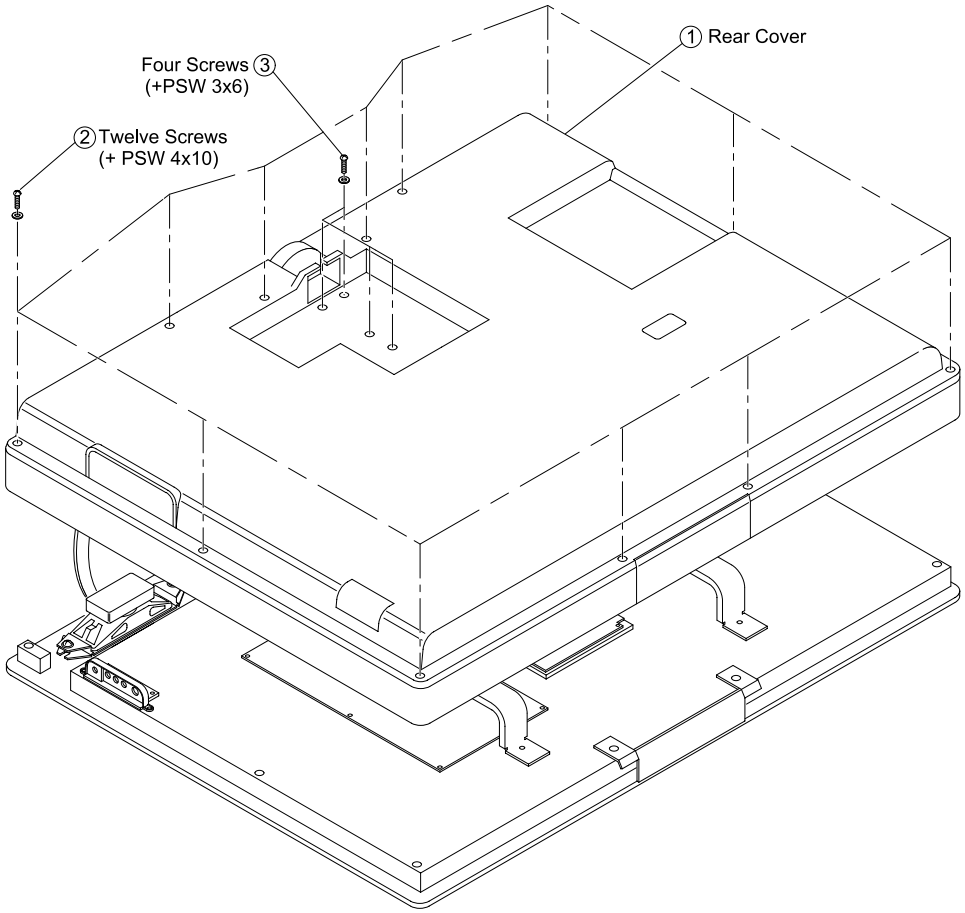
Problem	Cause/Remedy
The desired channel cannot be selected	• Switch between digital and analogue mode and select the desired digital/ analogue channel.
Some channels are blank	• Scrambled/Subscription only channel. Subscribe to the Pay Per View service. • Channel is used only for data (no picture or sound). • Contact the broadcaster for transmission details.
Digital channel is not displayed	• Check that the aerial is plugged directly into the TV (not through other equipment). • Contact a local installer to find out if digital transmissions are provided in your area. • Upgrade to a higher gain aerial.

General

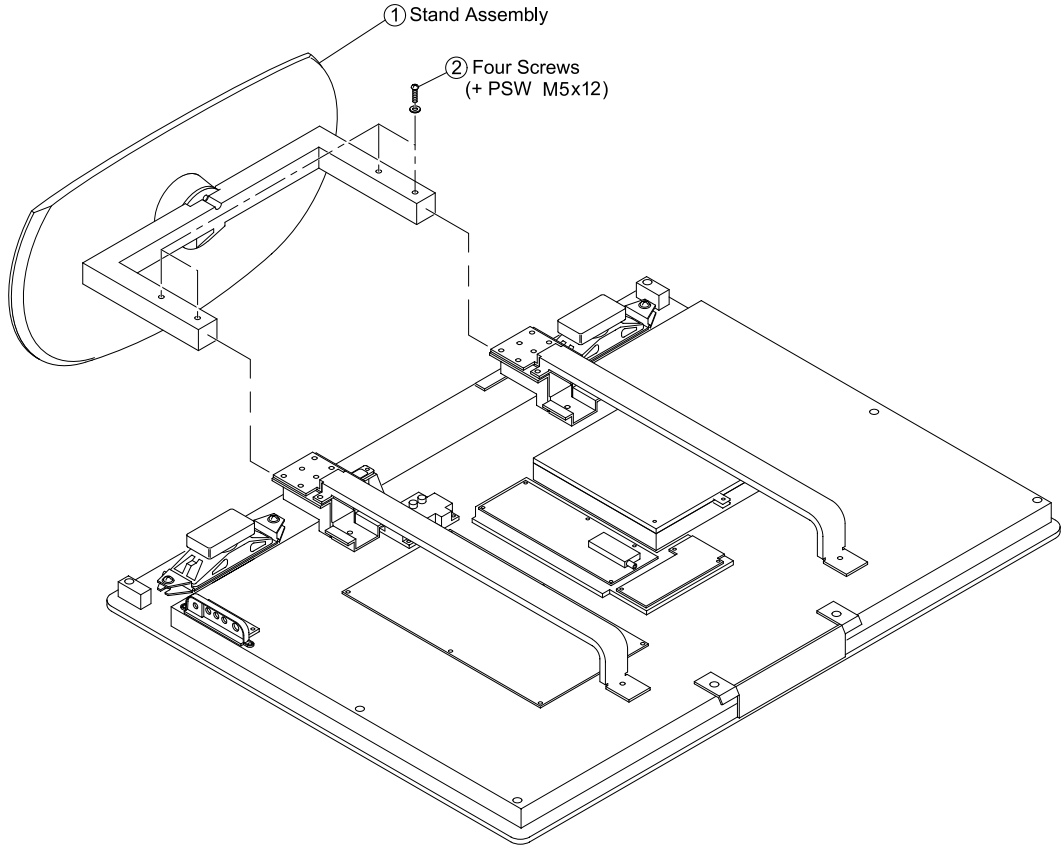
Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	• Check if the “Timer” is activated (page 28). • If no signal is received or no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.
The TV turns on automatically	• Check if the “Timer” is activated (page 28)
Some input sources cannot be selected	• Select “AV Preset” in the “Set Up” menu and cancel “Skip” of the input source (page 31).
The remote does not function	• Replace the batteries.

SECTION 2 DISASSEMBLY

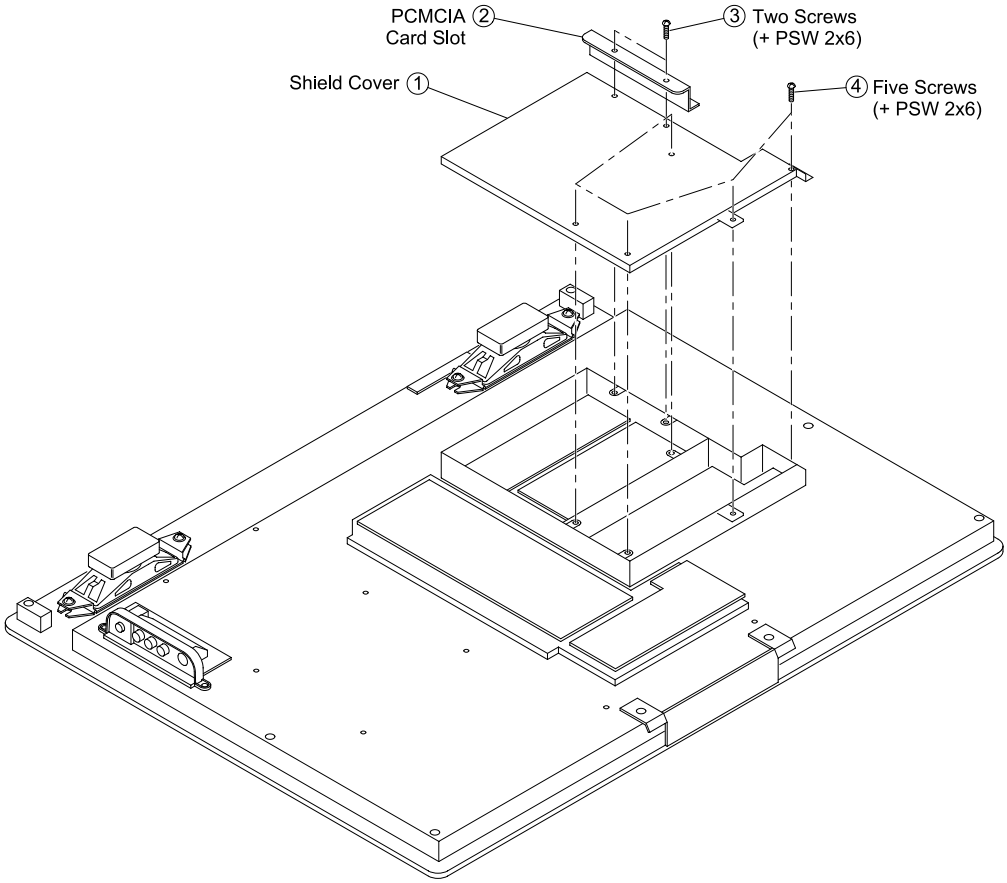
2-1. REAR COVER REMOVAL



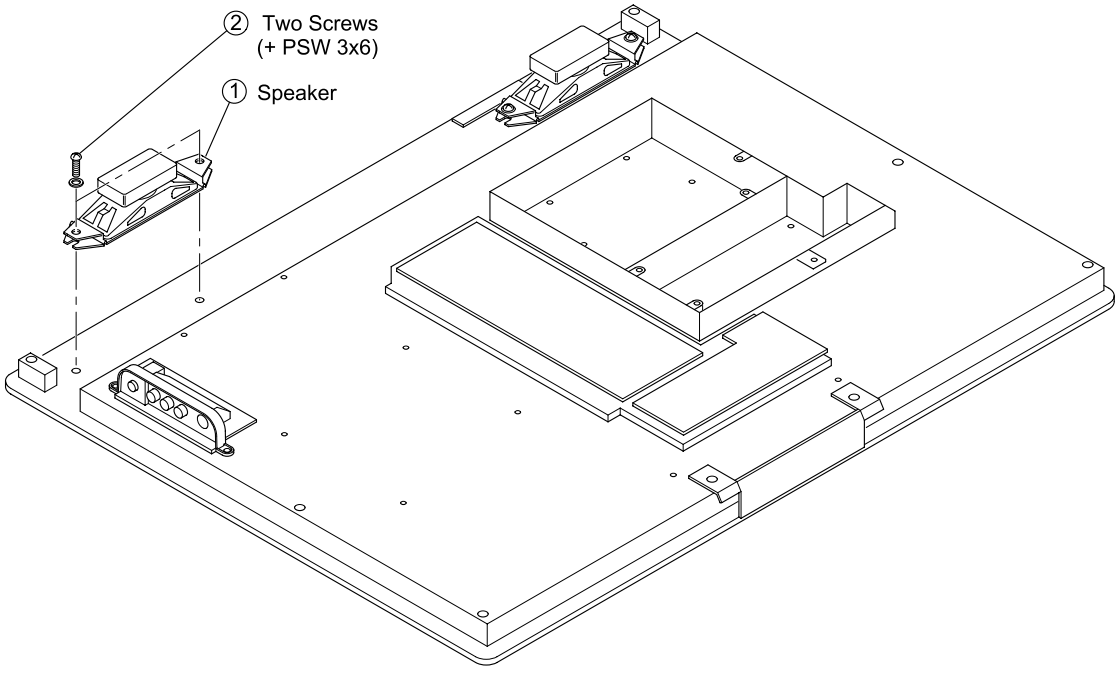
2-2. STAND REMOVAL



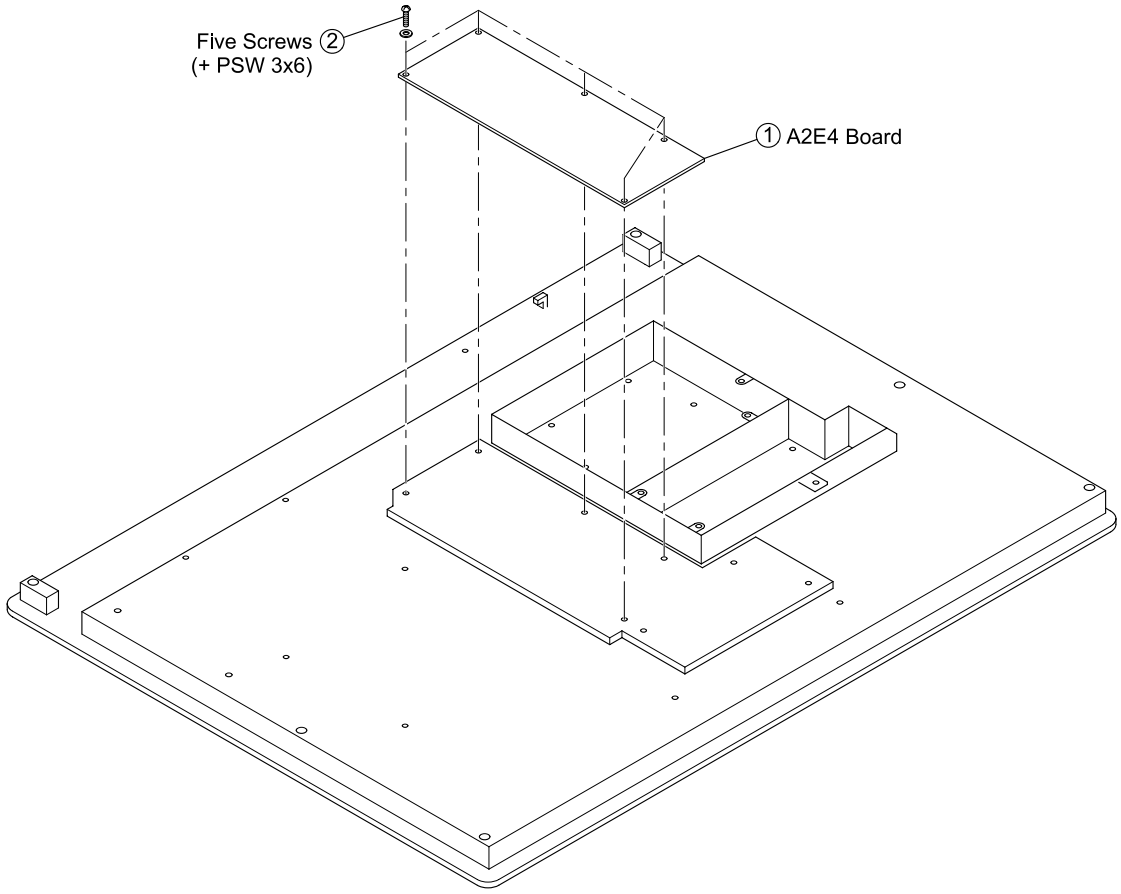
2-3. SHIELD COVER REMOVAL



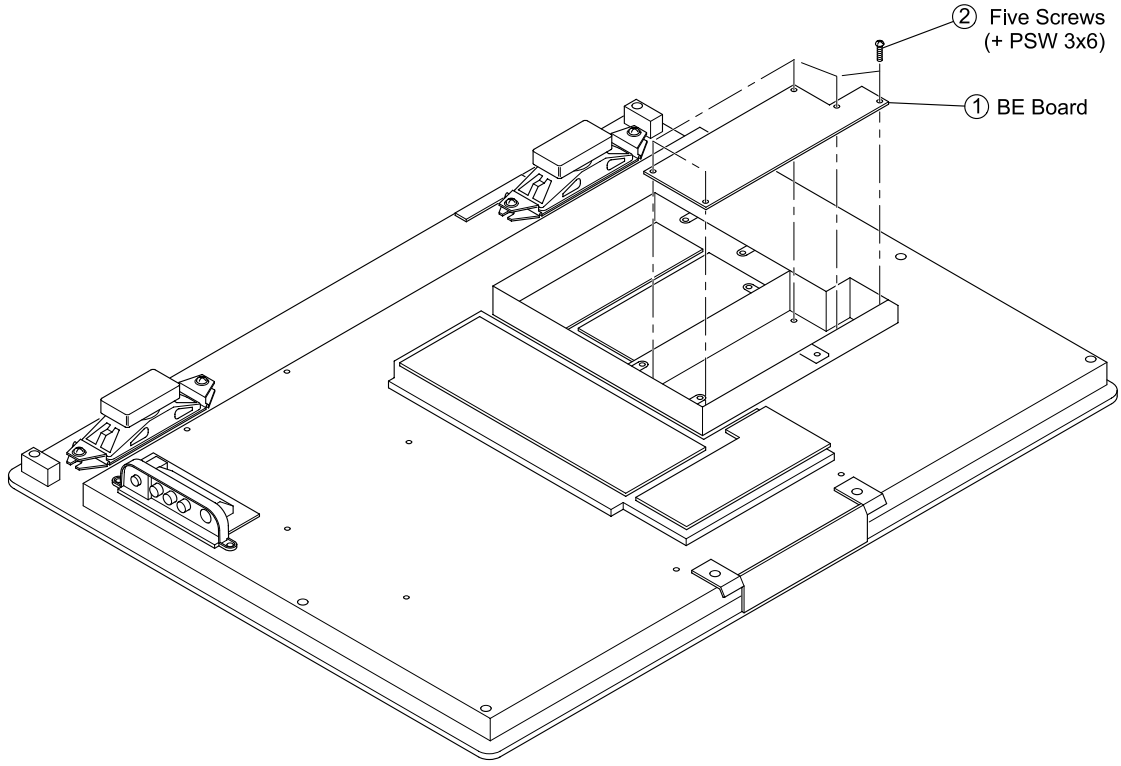
2-4. SPEAKER REMOVAL



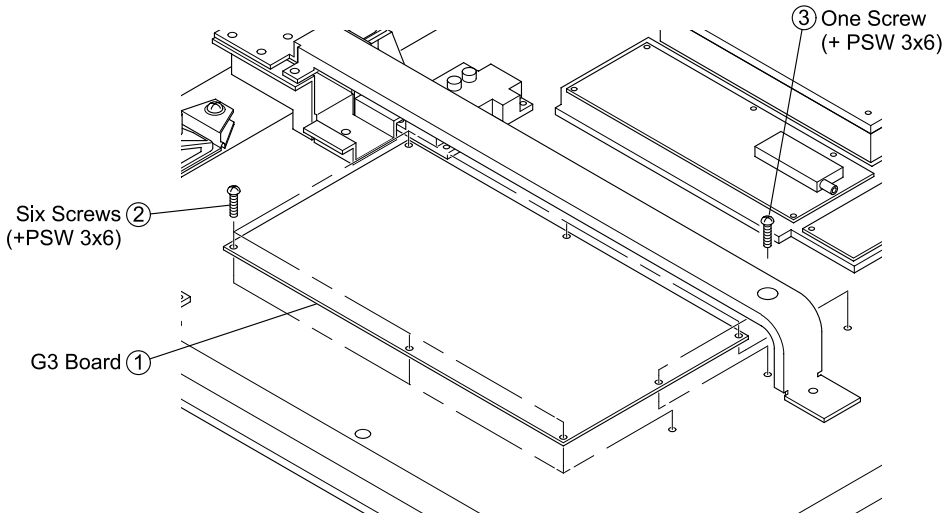
2-5. A2E4 BOARD REMOVAL



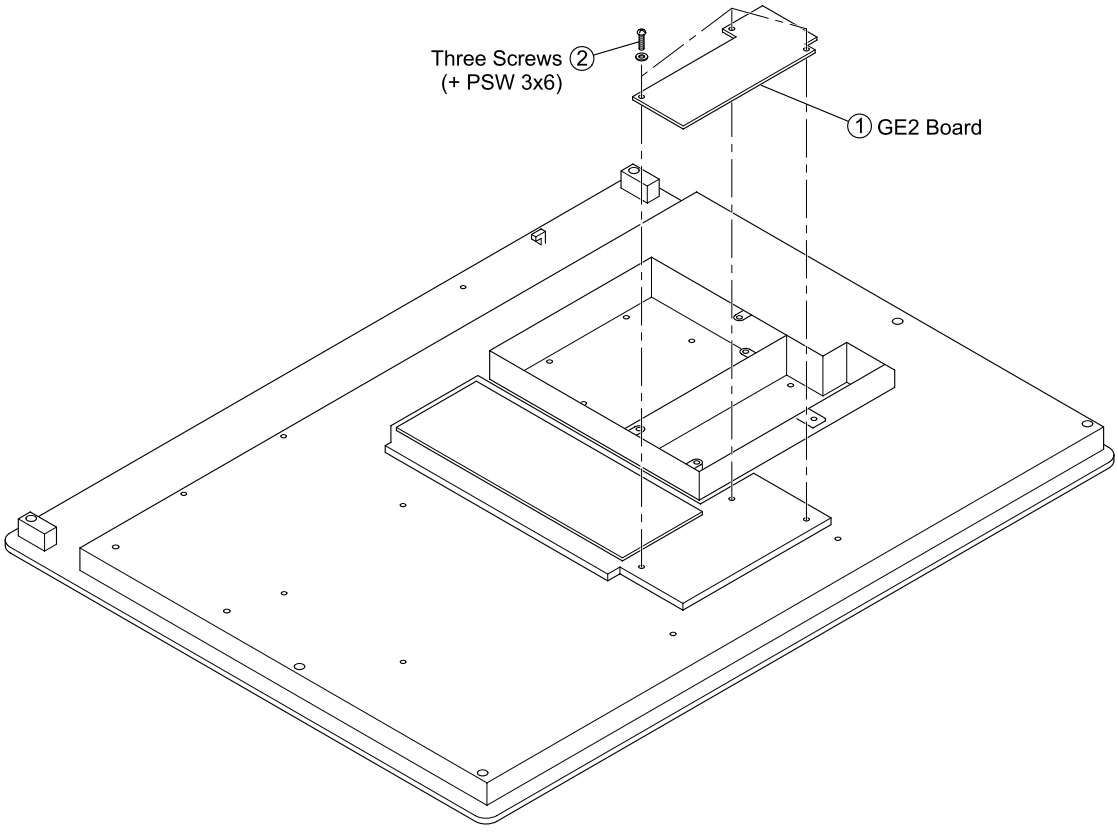
2-6. BE BOARD REMOVAL



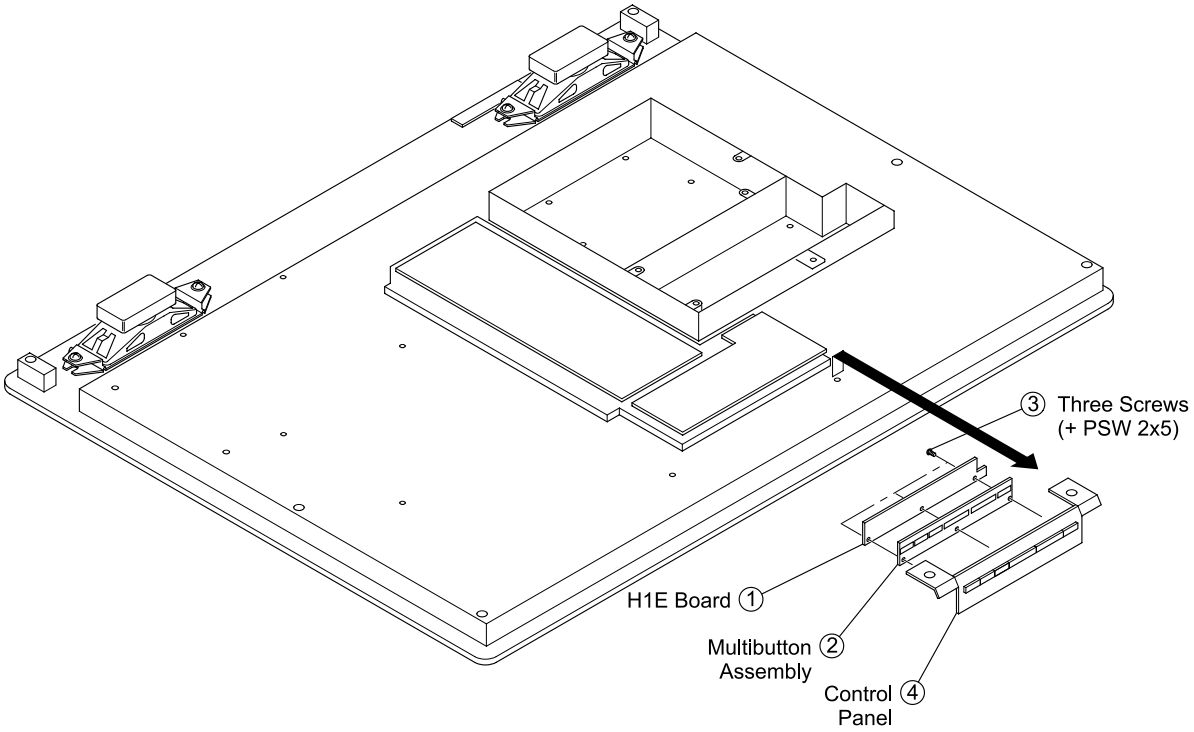
2-7. G3 BOARD REMOVAL



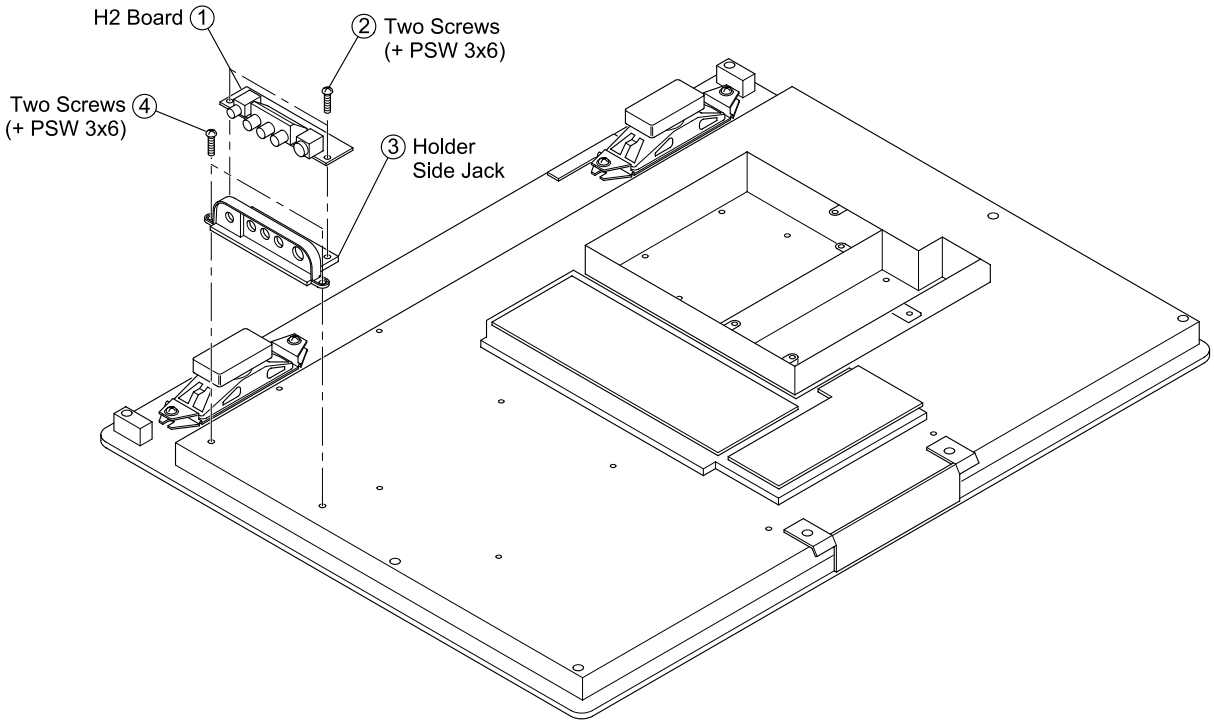
2-8. GE2 BOARD REMOVAL



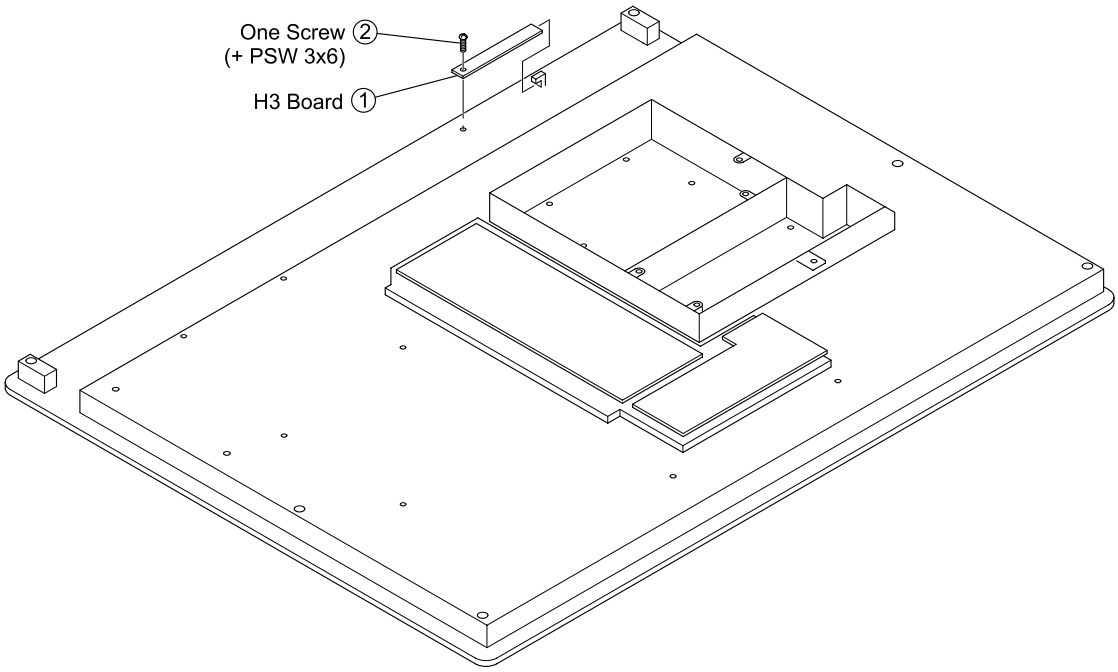
2-9. H1E BOARD REMOVAL



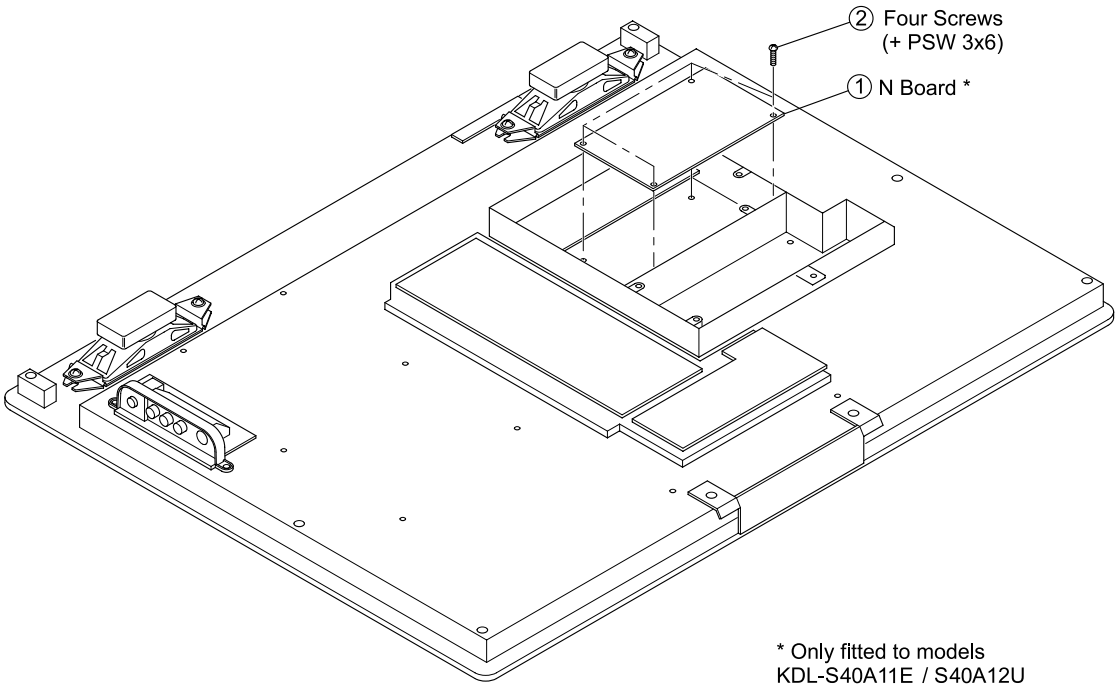
2-10. H2 BOARD REMOVAL



2-11. H3 BOARD REMOVAL

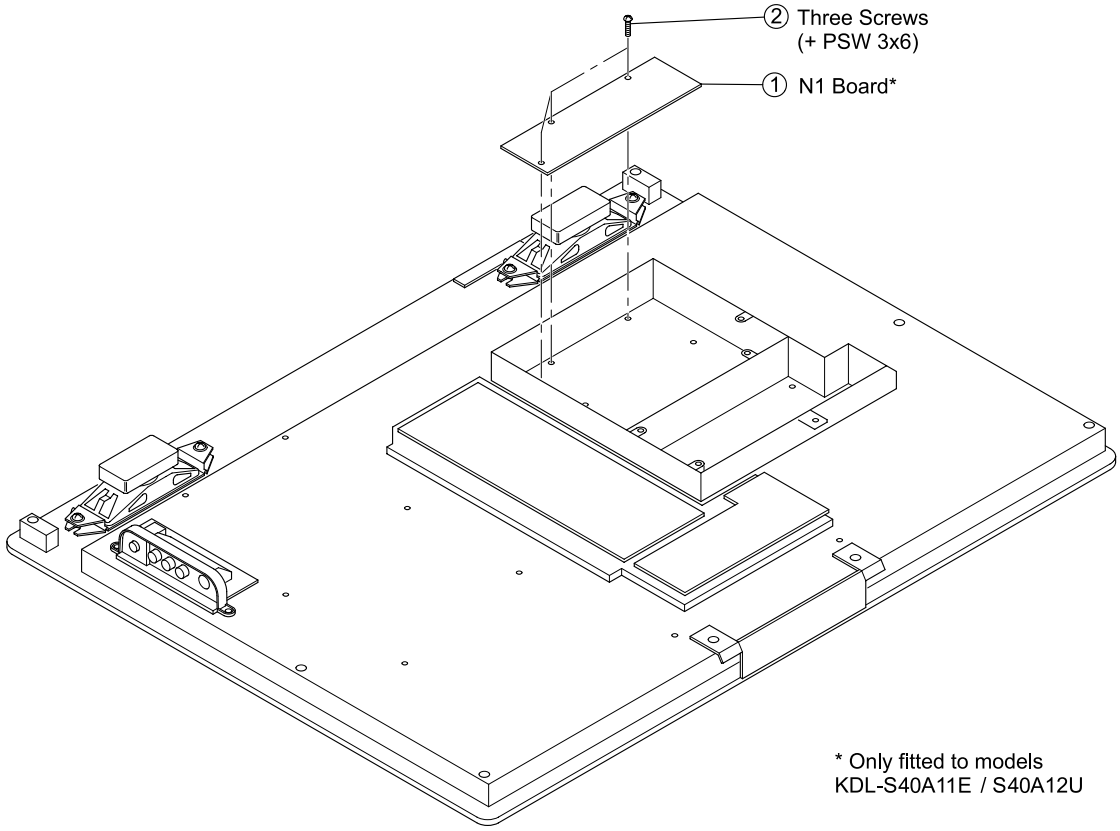


2-12. N BOARD REMOVAL



* Only fitted to models
KDL-S40A11E / S40A12U

2-13. N1 BOARD REMOVAL



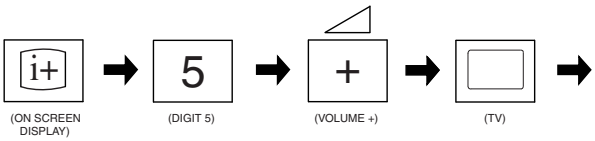
SECTION 3 SET-UP ADJUSTMENTS

3-1. Signal Adjustment

Service adjustments to this model can be performed using the supplied remote Commander RM-EA002 or RM-ED002.

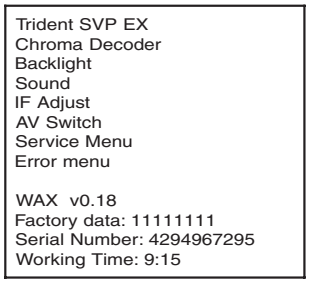
How to enter into the Service Mode

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



'TT—' will appear in the upper right corner of the screen. Other status information will also be displayed.

3. Press 'MENU' on the remote commander to obtain the following menu on the screen.



4. Move to the corresponding adjustment item using the up or down arrow buttons on the Remote Commander.
5. Press the right arrow button to enter into the required menu item.
6. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

Note :

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

3-1-1. PAL auto adjustment (CVBS)

1. Select AV1 and input PAL signal. (PAL CVBS: CB 75%Y/75%C from signal generator).
2. Set the TV in Service Mode (See above) and send "TT51" command.

3-1-2. PAL auto adjustment (RGB)

1. Select AV1 and input RGB signal. (PAL RGB: CB 100%Y/100%C from signal generator).
2. Set the TV in Service Mode (See above) and send "TT52" command.

3-1-3. SECAM auto adjustment (CVBS)

1. Select AV1 and input SECAM signal. (SECAM CVBS: CB 75%Y/75%C from signal generator).
2. Set the TV in Service Mode (See above) and send "TT53" command.

Note :

- While Auto adjustment is in process the RED LED is ON, till it finishes.

3-2. White Balance Adjustment

3-2-1. White Balance adjustment (H/L)

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending "TT54".

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input PAL CVBS 60 IRE Full Field Signal to AV1.
4. Adjust Highlight registers:

NORMAL_PAL_RD (R Drive)
NORMAL_PAL_BD (B Drive)

High light adjustment value (9300K-0MPCD)

	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

3-2-2. White Balance adjustment (C/O)

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending “TT54”.

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input PAL CVBS 20 IRE Full Field Signal to AV1.
4. Adjust CutOff registers:

NORMAL_PAL_RC (R cutoff)
NORMAL_PAL_BC (B cutoff)

Low light (Cut Off) adjustment value (9300K-0MPCD)

	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

3-2-3. SECAM White Balance adjustment (H/L)

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending “TT54”.

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input SECAM CVBS 60 IRE Full Field Signal to AV1.
4. Adjust Drive registers:

SECAM_OFFSET_RD (R Drive)
SECAM_OFFSET_BD (B Drive)

High light adjustment value (9300K-0MPCD)

	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

3-2-4. SECAM White Balance adjustment (C/O)

1. Select AV1.
2. Change the TV to Custom Mode and set the following registers by sending “TT54”.

COLORTONE	NEUTRAL
U_PIC_OFFSET	240
U_BRT_OFFSET	252
U_COLOR_OFFSET	128
COLOR_EMH	0
CONTRAST	MAX
BRIGHTNESS	50
COLOR	0
HUE	0
SHARPNESS	0
BACKLIGHT	MAX
AUTO NR	OFF
BLACK_ST TABLE	0
LIGHT SENSOR	OFF
POWER SAVING	STANDARD

3. Input SECAM CVBS 20 IRE Full Field Signal to AV1.
4. Adjust CutOff registers:

SECAM_OFFSET_RC (R cutoff)
SECAM_OFFSET_BC (B cutoff)

Low light (Cut Off) adjustment value (9300K-0MPCD)

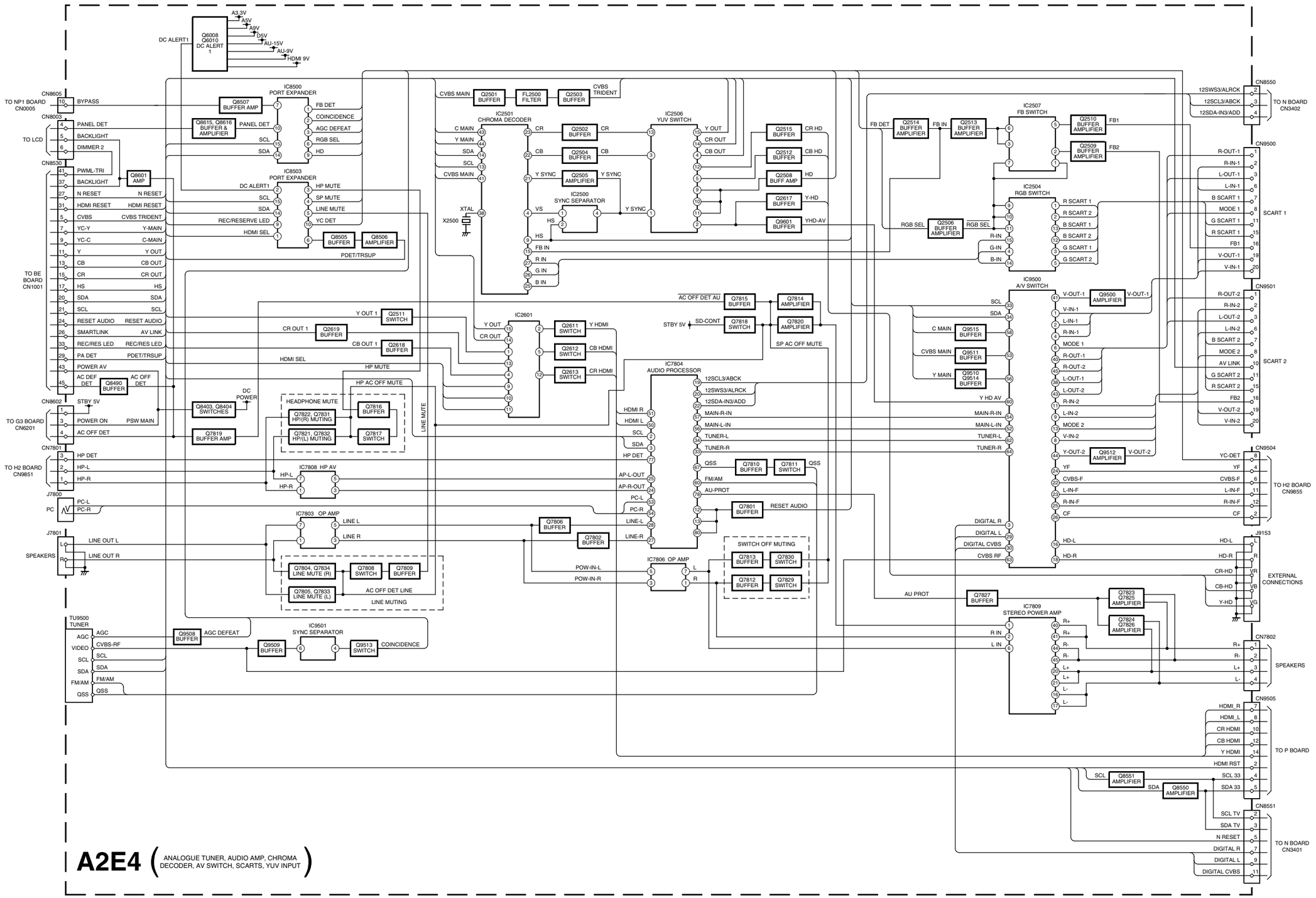
	40"	Range
x	0.2848	0.8JND
y	0.2932	
Y	-	N/A

3-3. TEST TEST MODE

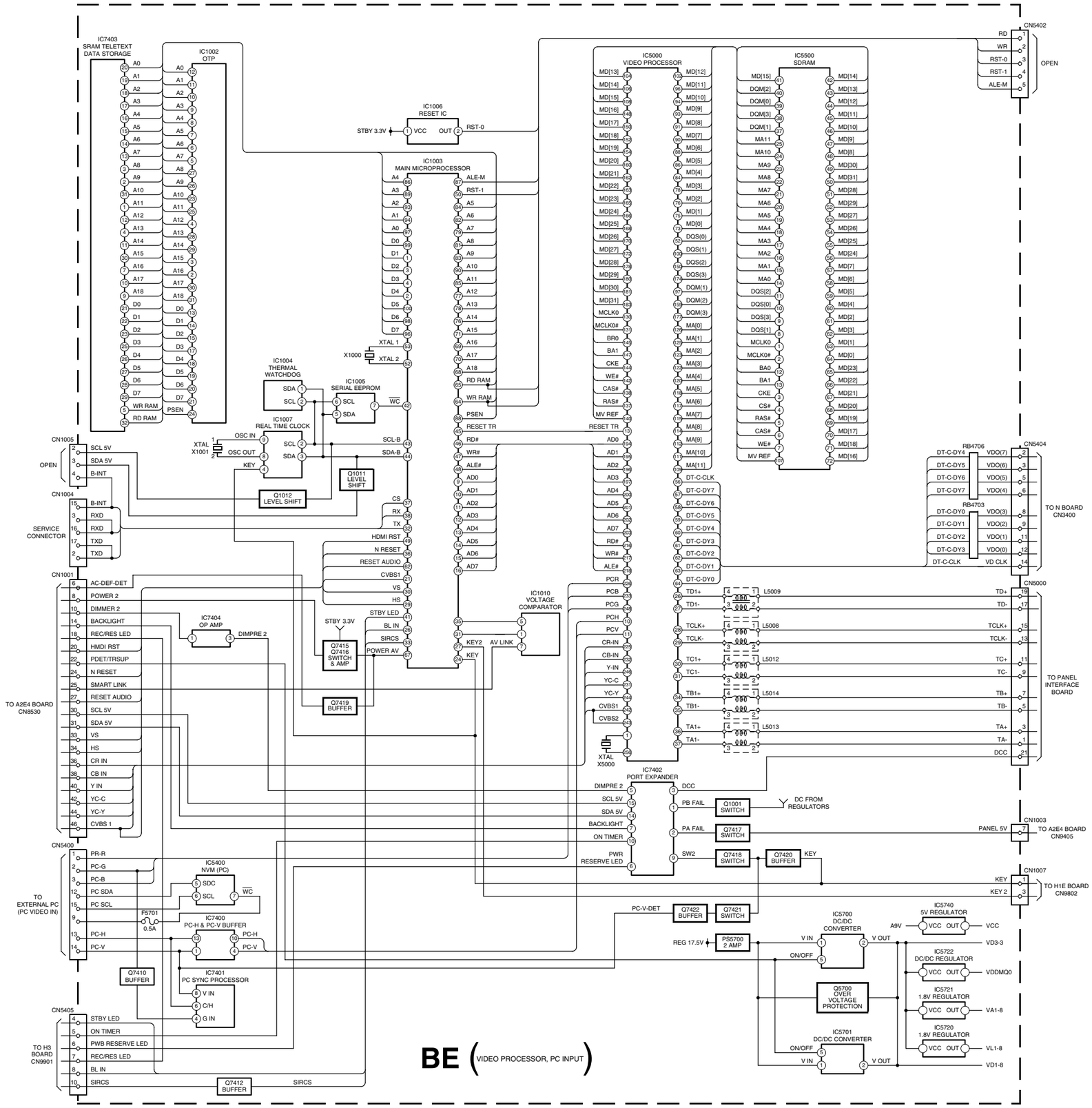
Test Test Mode is available in Service Mode, OSD ‘TT’ appears. The functions described below are available by selecting the two numbers. To release ‘Test Test mode’, press 00 or switch the TV set into Stand-by mode.

00	'TT' mode off
01	Picture maximum
02	Picture minimum
03	Set Volume to 35%
04	Set Volume to 50%
05	Set Volume to 65%
06	Set Volume to 80%
07	Ageing mode
08	Shipping Condition
16	Picture level 50%
19	Factory Mode toggle (on/off)
24	U Destination
25	AEP Destination
27	CBA mode toggle (ON/OFF)
31	ECS mode toggle (ON/OFF)
32	Set BCN channels preset
33	FILMODE toggle (ON/OFF)
34	Set INY channels preset
41	Re-initialise NVM
43	Select Dual Sound A
44	Select Dual Sound B
45	Select Dual Sound Mono
46	Select Dual Sound Stereo
48	Set NVM as non-virgin
49	Set NVM as virgin
51	PAL Auto adjustment
52	RGB Auto adjustment
53	SECAM Auto adjustment
54	WB Init conditions
55	Watchdog toggle
56	Reset all channel attenuations
62	Toggle Digital mode flag
63	AM from baseband (AFRIC)
64	set 40" settings
67	MSP Auto Carrier Mute function enable/disable
71	Set 19" settings
72	Set 23" settings
73	Set 26" settings
74	Set 32" settings
75	Balance to center position
76	Volume maximum
77	Volume minimum
78	Balance full left
79	Balance full right
81	Digital BER display
82	Digital Service menu
83	Digital colour bar output from DENC
84	TS CI path through
85	Digital tuner power down
86	Switch between two digital SW banks
87	Local keys test
88	Digital shipping conditions
89	LED test
93	I2S / analogue audio used for Digital sound
96	Digital Debug ouput: Enable / Disable
97	Digital 656 output Enable / Disable
98	Digital Auto Reset function Enable / Disable
99	Display Error and Working Time menu

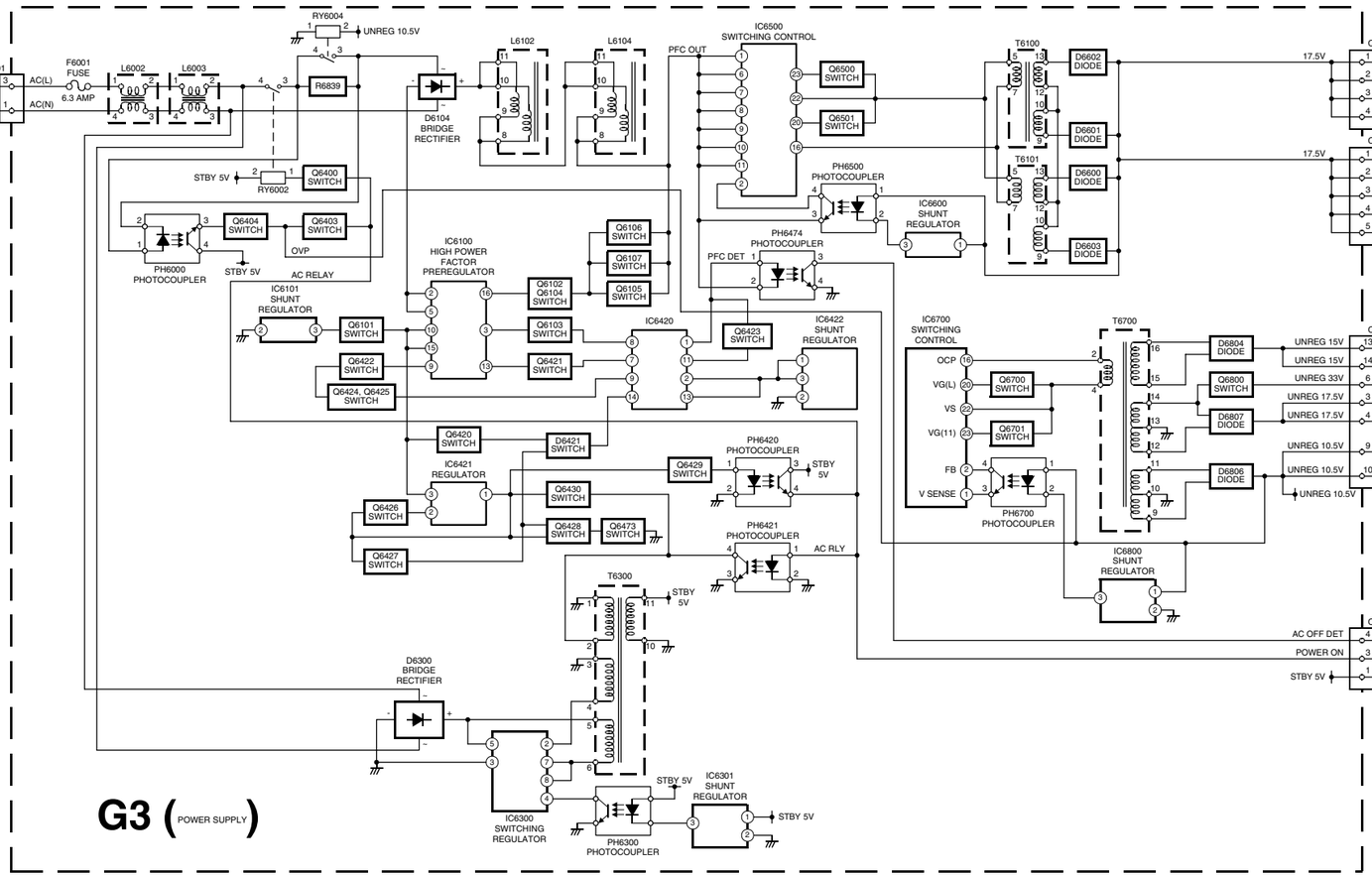
4-1. BLOCK DIAGRAMS (1)

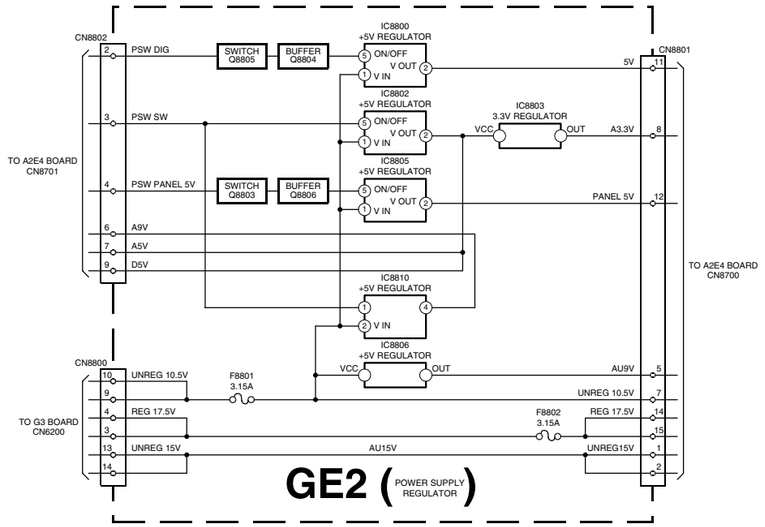


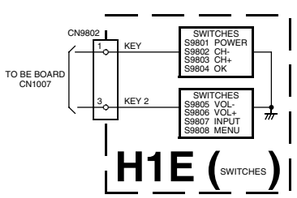
4-1. BLOCK DIAGRAMS (2)

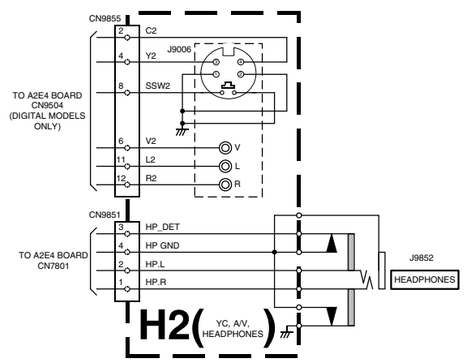


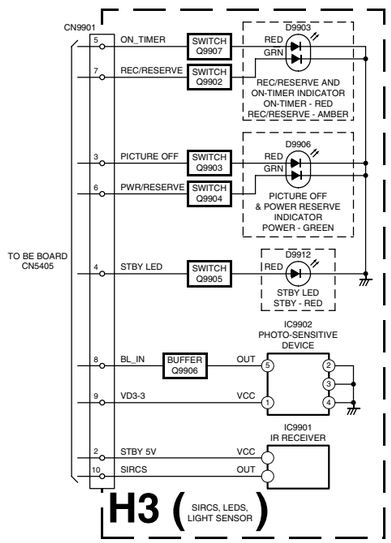
4-1. BLOCK DIAGRAMS (3)



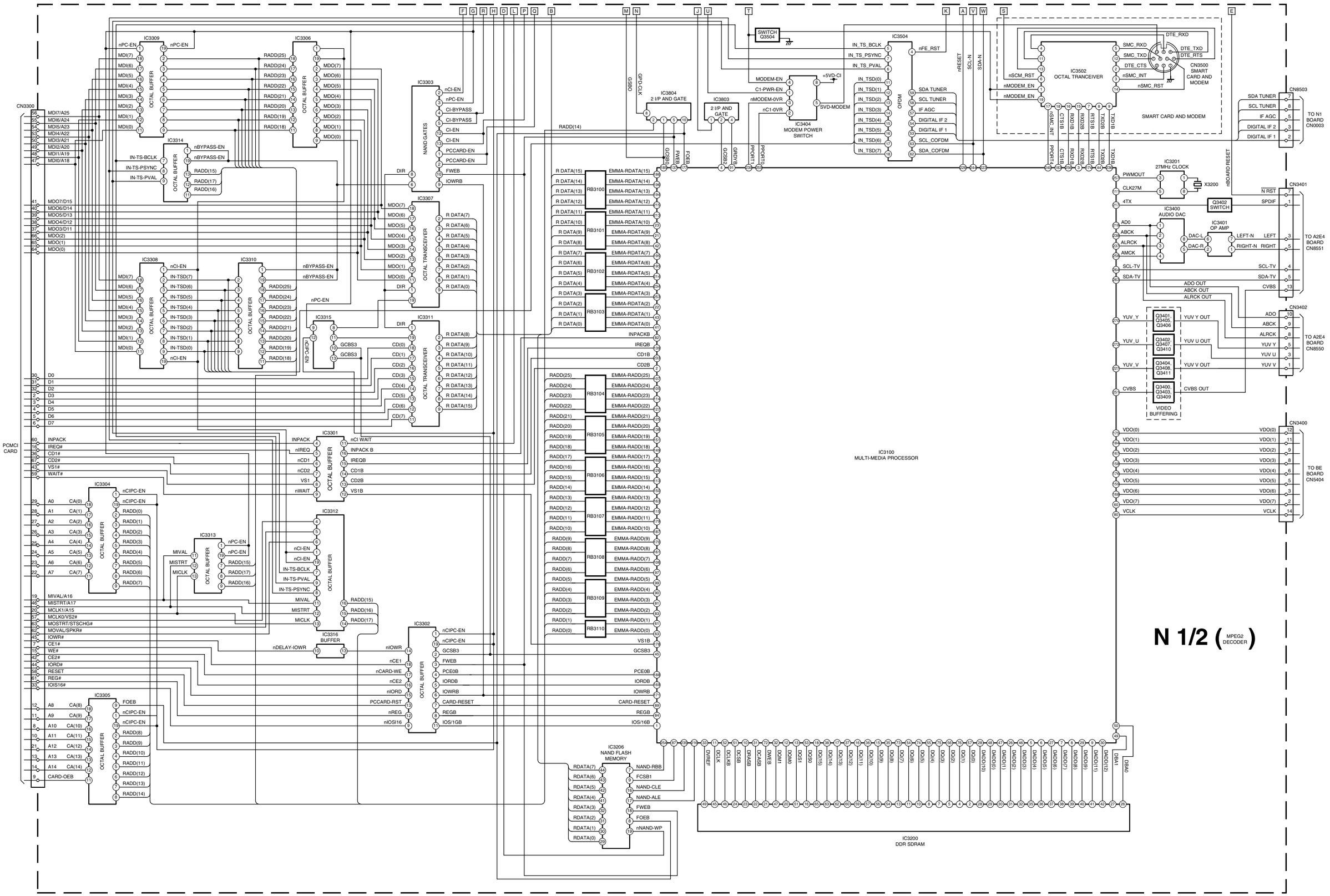




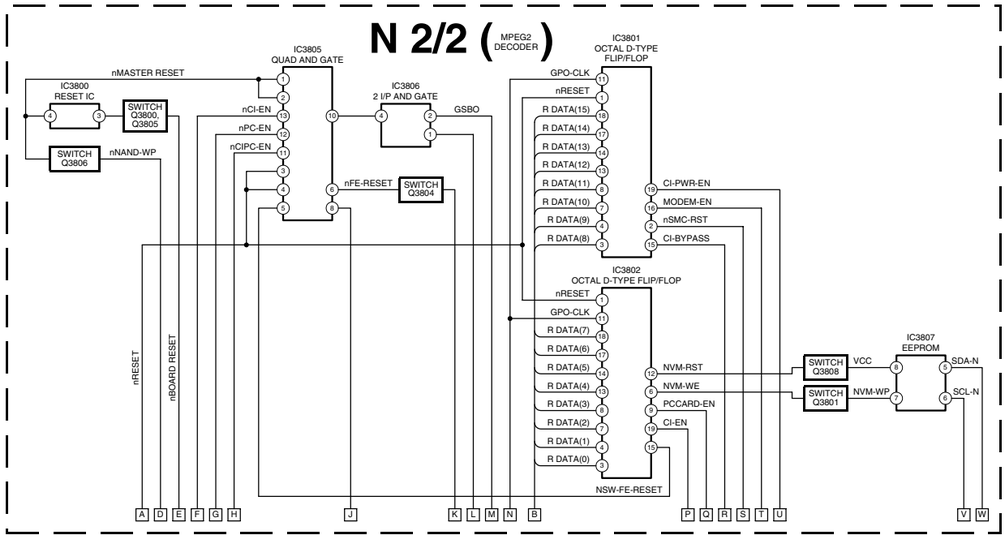


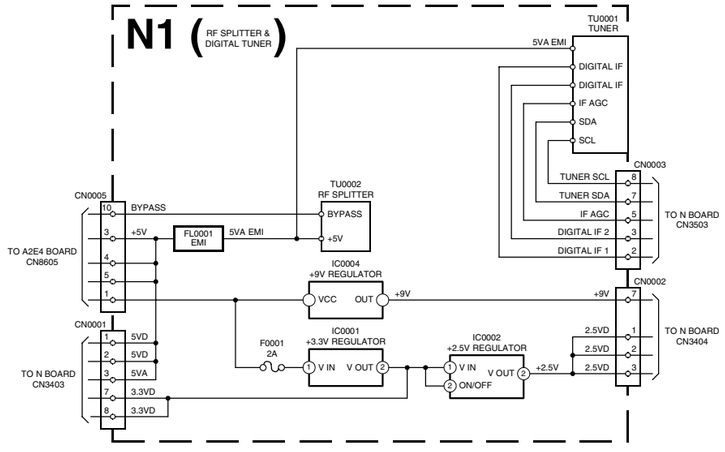


4-1. BLOCK DIAGRAMS (4)

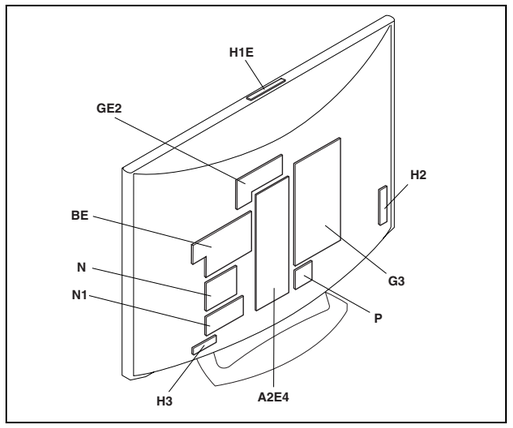


4-1. BLOCK DIAGRAMS (5)





4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in µF unless otherwise noted.
- pF : µµF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

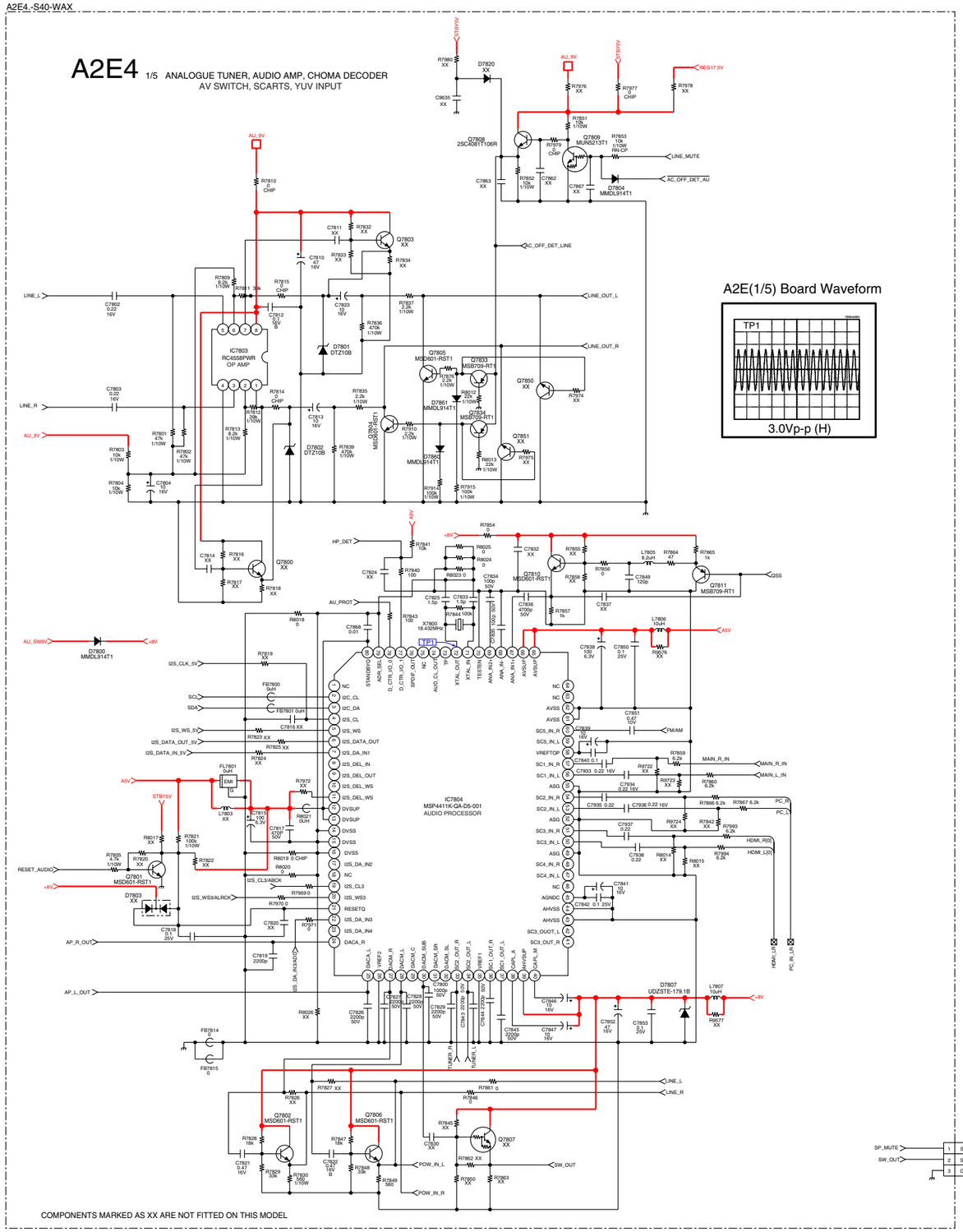
Reference Information

RESISTOR	**RN**	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	**LF-8L**	: MICRO INDUCTOR
CAPACITOR	**TA**	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

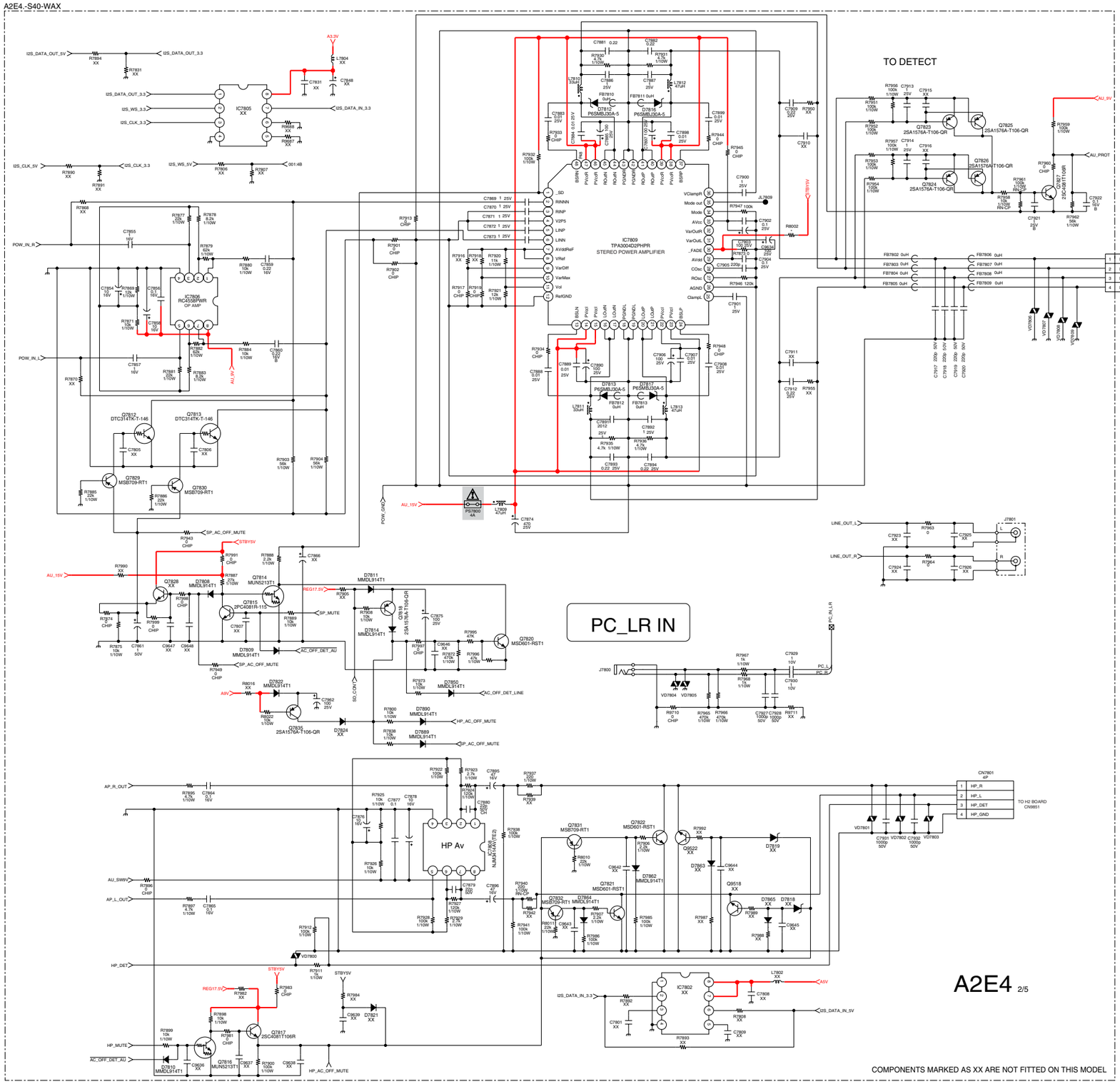
A2E4 1/5 ANALOGUE TUNER, AUDIO AMP, CHOMA DECODER AV SWITCH, SCARTS, YUV INPUT



A2E(1/5) Board Waveform

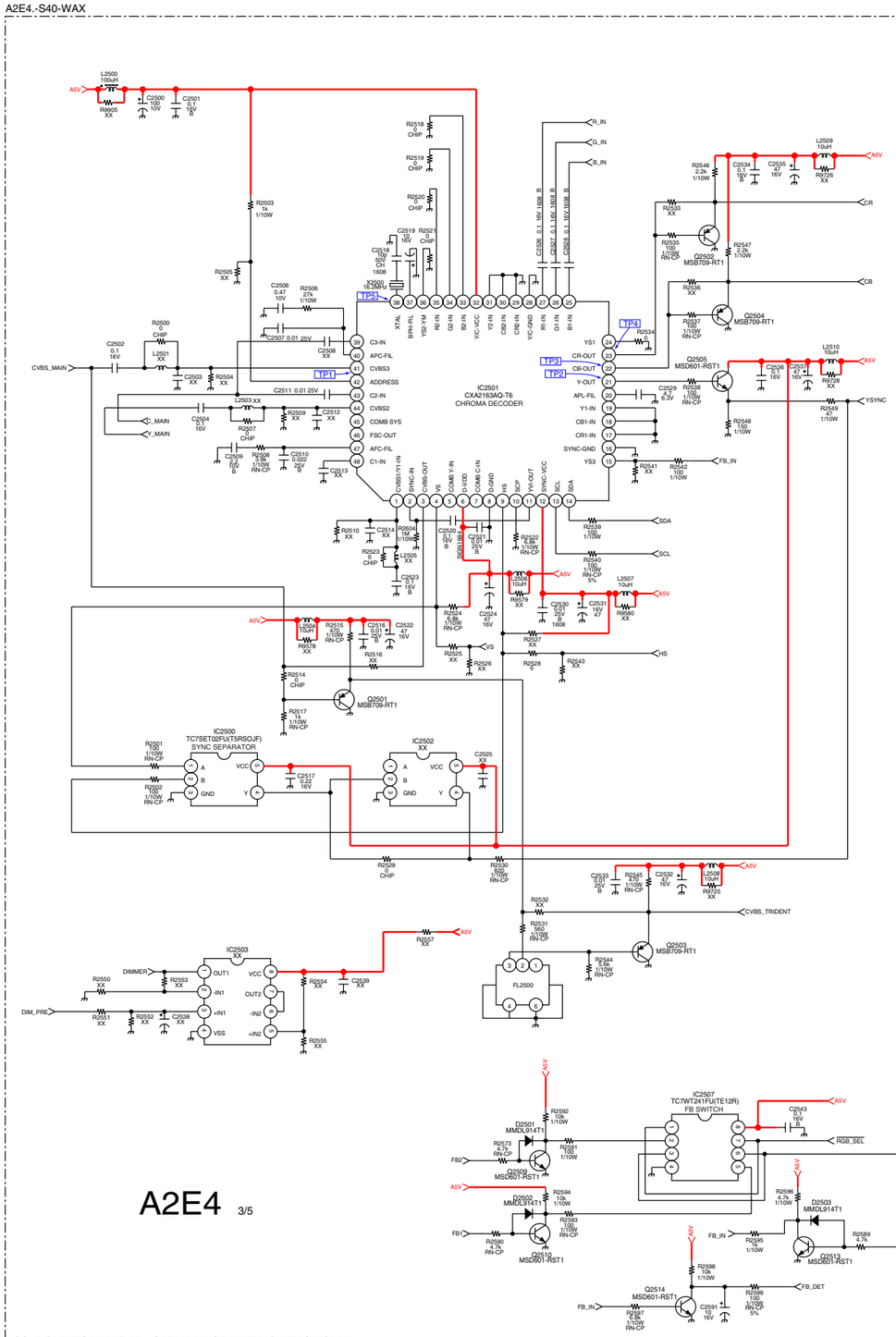
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

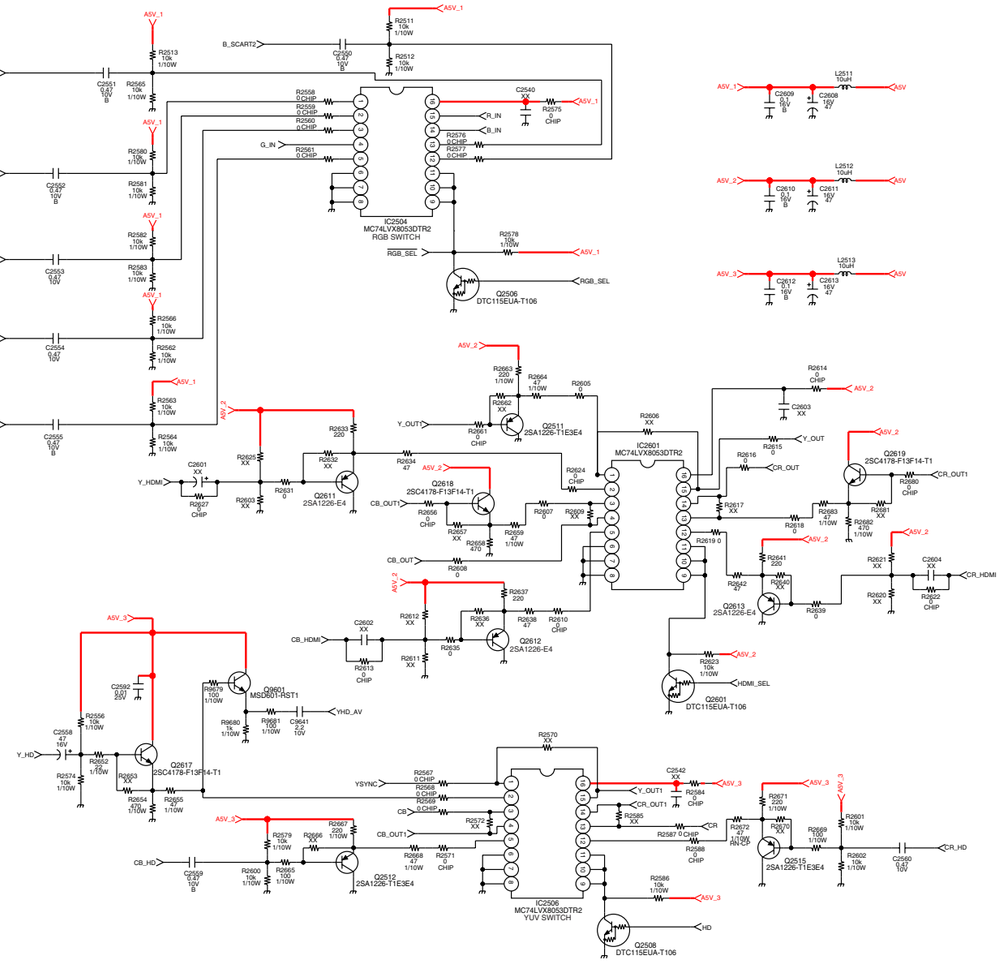
~ A2E4 Board Schematic Diagram [Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input] Page 1/5 ~



~ A2E4 Board Schematic Diagram [Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input] Page 2/5 ~

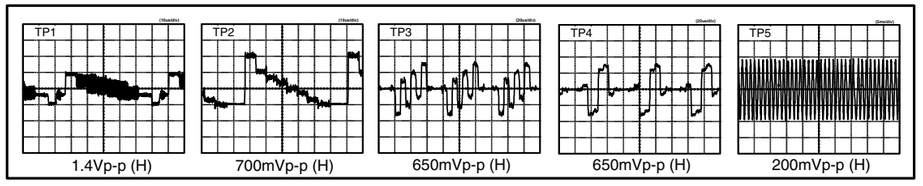
A2E4.-S40-WAX





A2E4 3/5

A2E(3/5) Board Waveforms

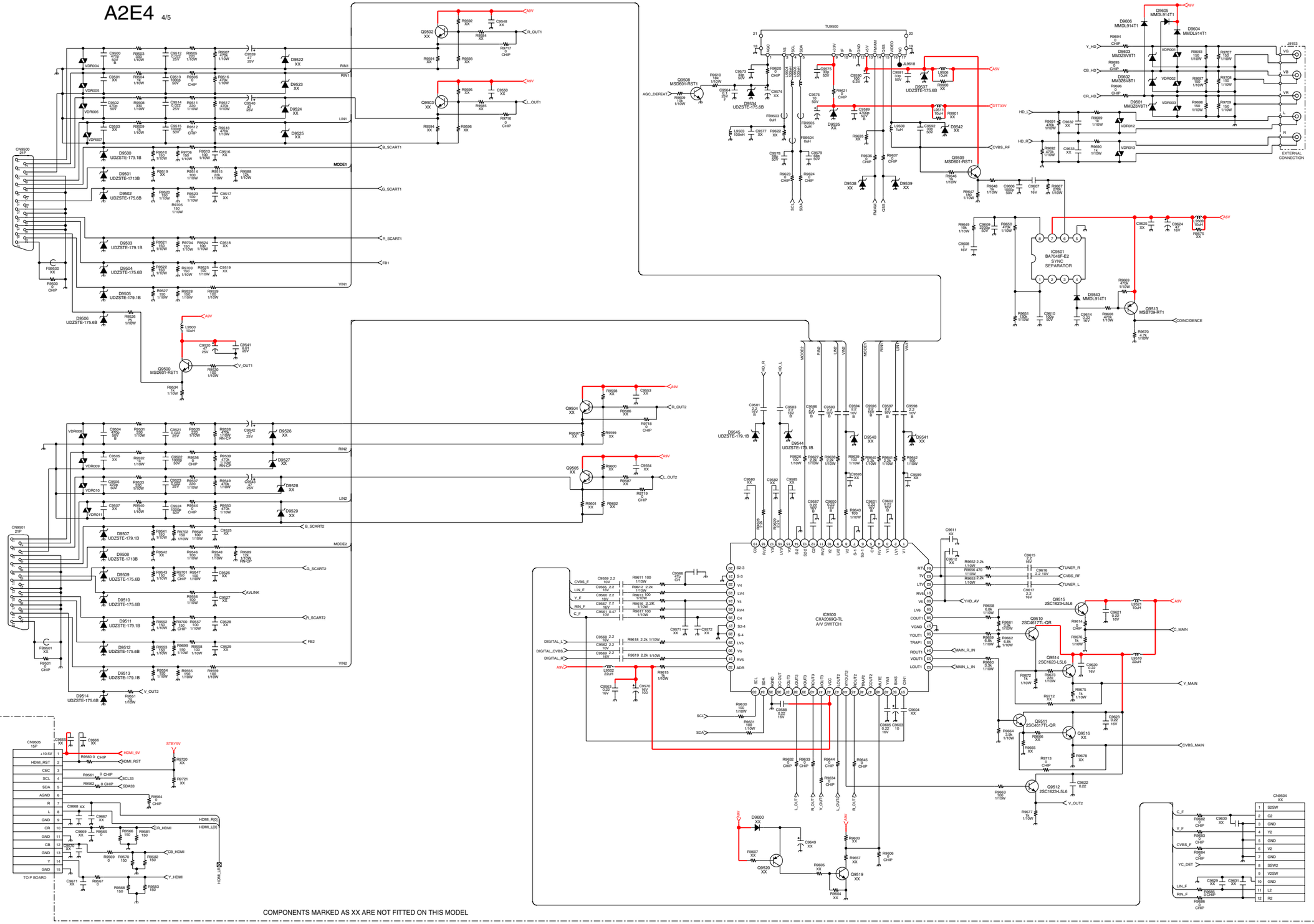


COMPONENTS MARKDED AS XX ARE NOT FITTED ON THIS MODEL

~ A2E4 Board Schematic Diagram [Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input] Page 3/5 ~

A2E4 -S40-WAX

A2E4 4/5



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ A2E4 Board Schematic Diagram [Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input] Page 4/5 ~

A2E4.-S40-WAX

A2E4 5/5

TO BE BOARD CN1001

TO BE BOARD CN1003

IC8500 CXA1875AM-T4 PORT EXPANDER

IC8503 CXA1875AM-T4 PORT EXPANDER

IC8510 BA09CC0WFP-E2 9V REGULATOR

IC8401 TK11819MTL 33V REGULATOR

Q8507 DTC114EUAFT106

Q8500 DTA114EUA-T106

Q8504 2SC4081T106R

Q8505 2SC4081T106R

Q8506 DTA114EUA-T106

Q8403 2SA1576A-T106-QR

Q8404 2SC4081T106R

Q8490 MSD601-RST1

Q8601 DTC115EUA-T106

Q8615 2SC4081T106R

Q8616 DTC114EUAFT106

Q8552 2SK2037

Q8553 2SK2037

Q8550 PMBF170-215

Q8551 PMBF170-215

Q8608 DTC114EUAFT106

Q8610 DTC114EUAFT106

Q6010 DTC114EUAFT106

Q7819 DTC115EUA-T106

Q6006 2SB1690KT146

Q6007 2SK2158-T2B

D8411 UDZ-TE-17-6.2B

D8412

D8413 UDZ-TE-17-6.2B

D8410 MM3Z11VT1

D8409 MM3Z11VT1

D8414 MM3Z11VT1

D6019 MMDL914T1

D6014

D6015 MMDL914T1

D6016 MMDL914T1

D6017 MMDL914T1

D6013 MM3Z11VT1

D6020 MMDL914T1

D8616 XX

D8615 XX

D8617 XX

SCREW1

SCREW2

SCREW3

SCREW4

SCREW5

SCREW6

SCREW7

SCREW8

DCALERT1
- A3.3V
- HDMI_9V
- 5V
- A3.3V
- A5V
- A9V
- D5V
- AU_15V
- AU_9V

Mount Mecha	A9001	404240802	
Mount Mecha	A9002	404240802	XX
Mount Mecha	A9003	404240802	
Mount Mecha	A9004	404240802	
Mount Mecha	A9005	404240802	XX
Mount Mecha	A9006	405192501	

IIC BUS TEST PIN

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

TO N BOARD CN3402

TO N BOARD CN3401

TO GE2 BOARD CN8801

TO GE2 BOARD CN8802

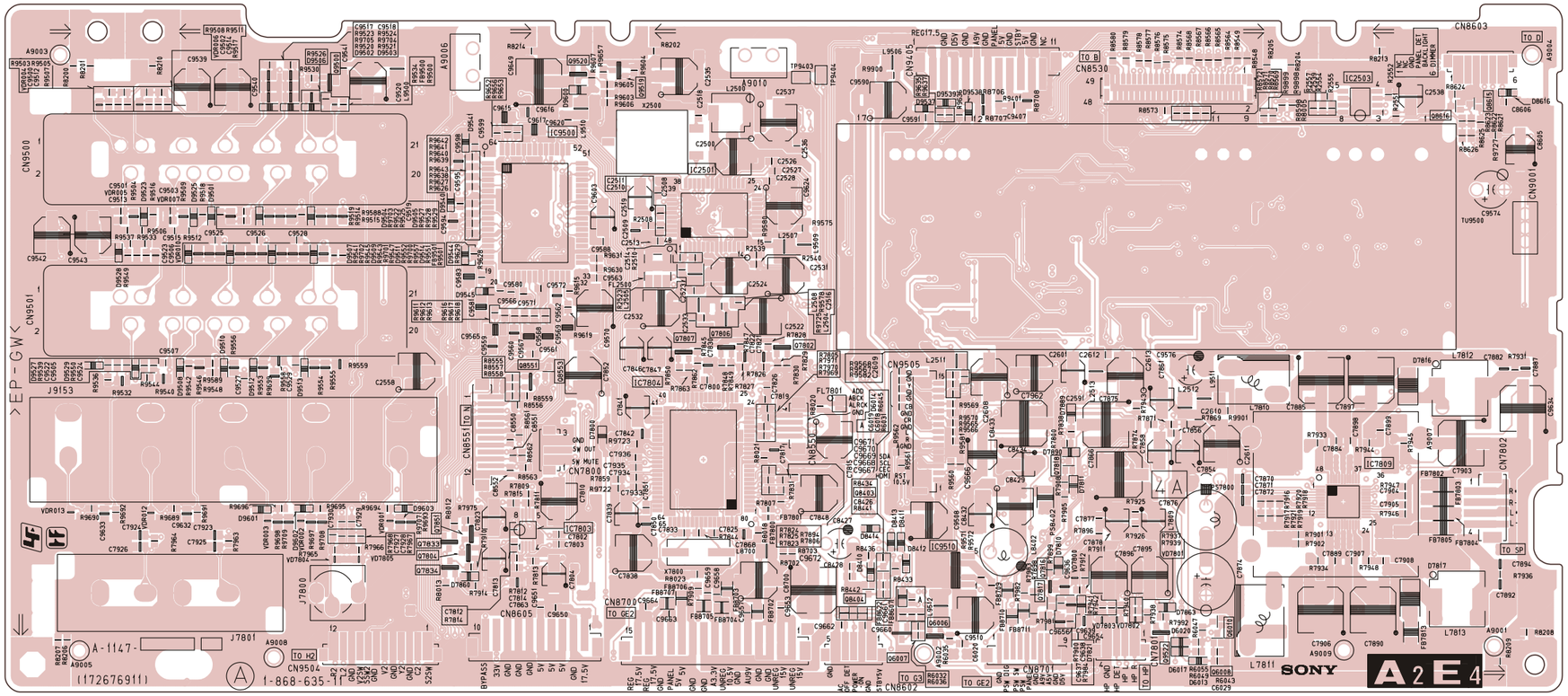
TO NP1 BOARD CN0005

LCD PANEL

TO G3 BOARD CN8201

~ A2E4 Board Schematic Diagram [Analogue Tuner, Audio Amp, Chroma Decoder, AV Switch, Scarts, YUV Input] Page 5/5 ~

~ A2E4 Printed Wiring Board Conductor Side A ~



~ A2E4 Board Semiconductor Location Table Side A ~

DIODE					
D6013	I - 6	D9509	C - 3	IC9500	E - 2
D6014	G - 4	D9510	B - 3	IC9510	H - 5
D6017	I - 6	D9511	D - 3	**TRANSISTOR**	
D6020	I - 5	D9512	C - 4	Q6006	H - 5
D7800	E - 4	D9513	C - 4	Q6007	G - 6
D7810	H - 5	D9514	D - 3	Q6008	J - 6
D7811	I - 4	D9523	B - 2	Q6010	J - 5
D7816	K - 4	D9525	B - 2	Q7802	G - 3
D7817	K - 5	D9528	B - 3	Q7804	D - 5
D7860	D - 5	D9529	A - 4	Q7806	F - 3
D7863	I - 5	D9537	G - 2	Q7807	F - 3
D7889	I - 4	D9538	H - 2	Q7816	H - 5
D7890	H - 4	D9539	H - 2	Q7817	H - 5
D8410	G - 5	D9540	D - 2	Q7818	H - 4
D8411	G - 5	D9541	D - 2	Q7833	D - 5
D8412	G - 5	D9544	D - 3	Q7834	D - 5
D8413	G - 5	D9545	D - 3	Q7851	D - 5
D8414	G - 5	D9600	E - 2	Q8403	G - 4
D8616	L - 2	D9601	C - 5	Q8404	G - 5
D9501	B - 2	D9602	C - 5	Q8551	E - 4
D9502	C - 1	D9603	D - 5	Q8553	E - 4
D9503	D - 3	**IC**		Q8615	L - 2
D9504	D - 5	IC2501	F - 2	Q8616	K - 2
D9505	D - 3	IC2503	K - 2	Q9500	C - 1
D9506	C - 1	IC7803	E - 5	Q9519	E - 2
D9507	C - 3	IC7804	E - 4	Q9520	E - 1
		IC7809	K - 4	Q9522	I - 6

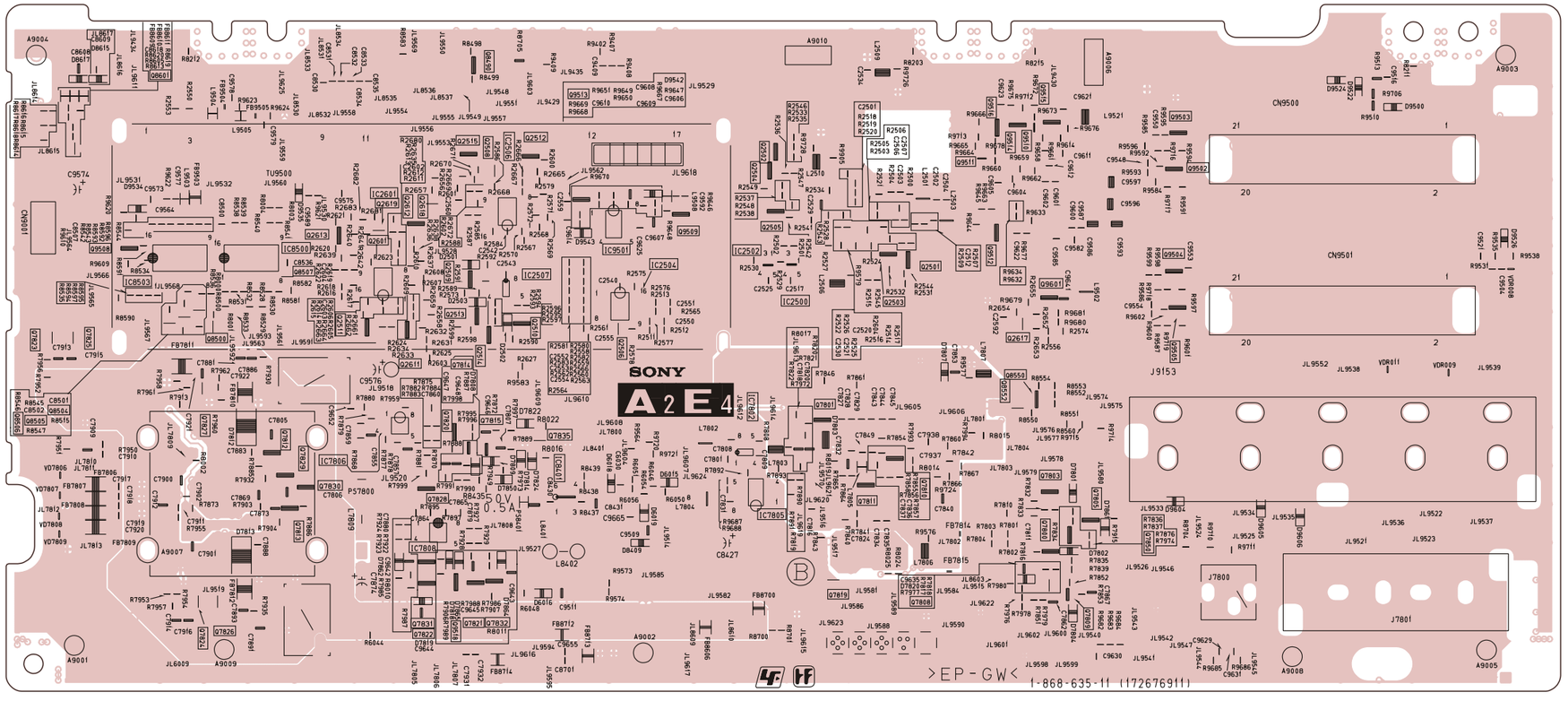
~ A2E4 Board IC Voltage Table Side A ~

Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC2501	1	1.9	IC2501	37	1.1	IC7804	17	0.2	IC7804	50-51	3.8	IC9500	2	4.5	IC9500	32	8.9
	2	2.2		38	3.9		18	0		52	0		3	3.9		33	3.2
	3	1.8		39	1.7		19-20	1.7		53-54	3.8		4	4.5		34	3.5
	4	0		40	3.3		21	4.6		55	0		5	4.4		35	1.0
	5	1.9		41	2.5		22	1.7		56-57	3.8		6-7	0		36-38	4.4
	6	5.0		42	4.9		23	0.3		58	2.6		8	3.9		39	3.7
	7	2.5		43	1.7		24-26	0		59-60	3.8		9	4.5		40-41	4.5
	8-9	0		44	1.9		27-31	0.2		61-62	0		10	3.9		42	9.0
	10	0.8		45	4.9		32	0		65-66	5.0		11-12	4.5		43-45	4.5
	11	2.6		46	2.2		33	1.3		67-68	1.5		13-14	0		46	3.7
	12	5.0		47	3.7	IC7804	34	1.4		69	0.2	IC9500	15	3.9	IC9500	47	4.4
	13	3.4		48	1.7		35	0		70	0		16	4.5		48	0
	14	3.5	IC7803	1-3	4.6		36-37	3.8		71	2.4		17	3.9		49	3.9
	15-19	0		4	0		38	7.4		72	2.3		18-19	4.5		50-54	4.5
	20	2.4		5-7	4.6		39	8.3		73	2.6		20-21	0		55	3.7
	21-23	1.8		8	9.1		40	7.2		74-76	0		22	3.9		56	3.2
	24	0	IC7804	2-3	3.5		41	1.3		77	0.5		23	4.5		57	0
	25-27	2.5		4-6	0		42	1.4		78	3.3		24	3.9		58	4.3
	28-31	0		7-11	0.3		43-44	0		79	0		25-26	4.5		59	4.5
	32	4.9		12-13	4.9		45-48	3.8		80	4.9		27-28	0		60	3.9
	33-36	0		14-16	0		49	0	IC9500	1	3.9		29-31	4.5		61-64	4.5

~ A2E4 Board Semiconductor Voltage Table Side A ~

Ref	(e)(s)	(b)(g)	(c)(d)	Ref	(e)(s)	(b)(g)	(c)(d)
Q6006	3.3	2.6	3.3	Q7819	0	0	9.1
Q6007	0	4.7	0	Q7833	0	0	0
Q6008	0	4.6	0	Q7834	0	0	0
Q6010	0	0	3.0	Q8403	2.9	2.9	0
Q7802	4.5	5.1	8.3	Q8404	0	0	2.9
Q7806	4.5	5.1	8.3	Q8551	2.3	3.3	3.3
Q7816	0	0.4	4.7	Q8615	0	0.6	0
Q7817	4.0	4.7	4.8	Q8616	0	0	3.7
Q7818	17.9	18.1	0	Q9500	3.9	4.5	9.0

~ A2E4 Printed Wiring Board Conductor Side B ~

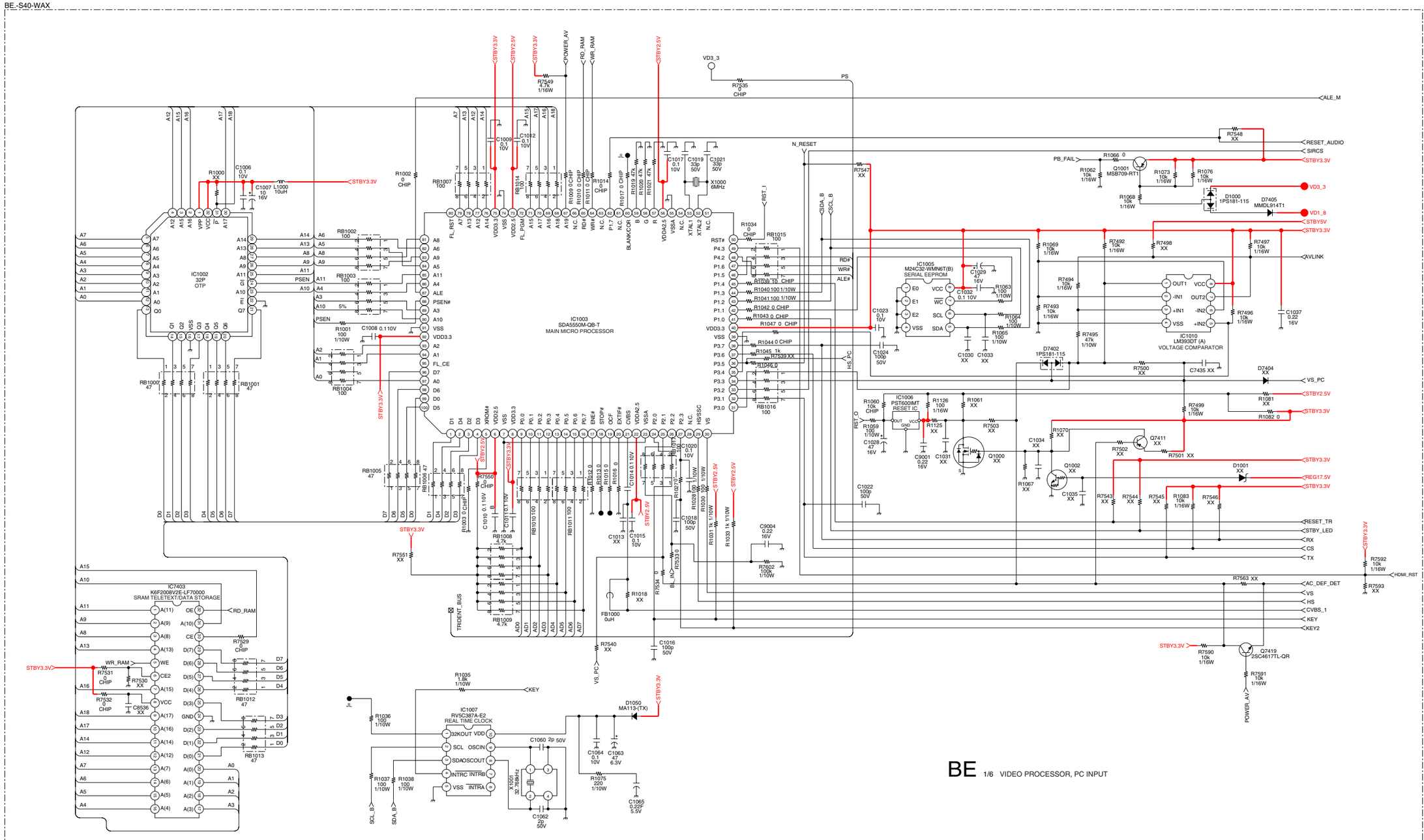


~ A2E4 Board Semiconductor Location Table Side B ~

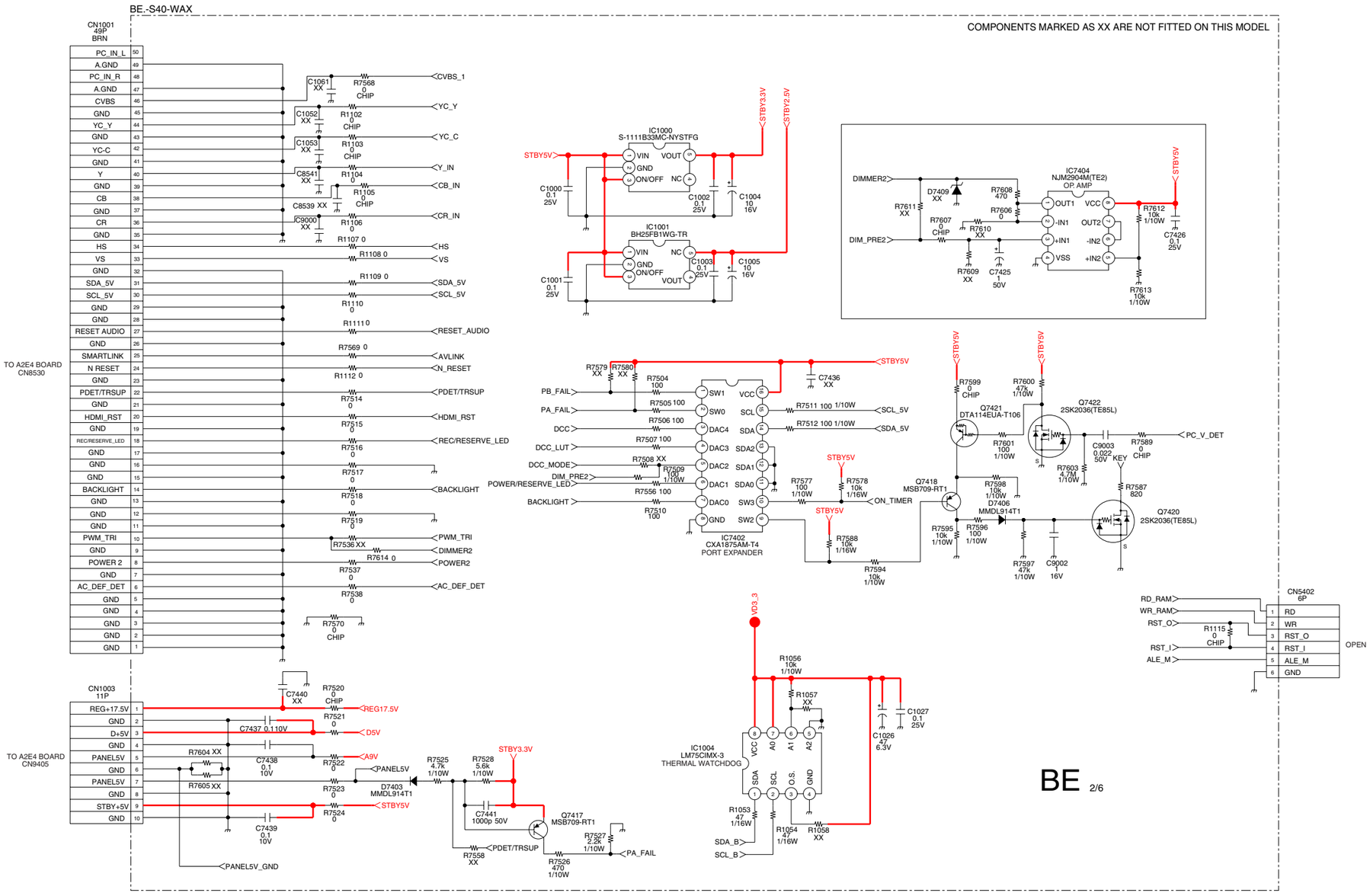
DIODE		D7808	D - 4	D7864	D - 5	D9604	I - 5	IC8401	E - 4	Q2510	E - 3	Q7800	H - 5	Q7820	D - 4	Q7835	E - 4	Q9503	I - 2
D2501	D - 3	D7809	E - 4	D7865	D - 5	D9606	J - 5	IC8500	C - 3	Q2511	C - 3	Q7801	G - 4	Q7821	D - 5	Q7850	I - 5	Q9504	I - 3
D2502	D - 4	D7812	B - 4	D8409	E - 5	IC		IC8503	B - 3	Q2512	E - 2	Q7803	H - 4	Q7822	D - 6	Q8490	D - 1	Q9505	I - 4
D2503	D - 3	D7813	C - 5	D8615	B - 1	IC2500	G - 3	IC9501	E - 3	Q2513	D - 3	Q7805	I - 5	Q7823	A - 3	Q8500	B - 3	Q9508	B - 3
D6015	F - 4	D7814	E - 4	D8617	A - 1	IC2502	F - 3	TRANSISTOR		Q2514	D - 4	Q7808	G - 5	Q7824	B - 6	Q8504	A - 4	Q9509	F - 3
D6016	E - 5	D7818	D - 5	D9500	K - 2	IC2504	F - 3	Q2501	H - 3	Q2515	D - 2	Q7809	I - 5	Q7825	A - 3	Q8505	A - 4	Q9511	H - 2
D6018	E - 4	D7819	D - 6	D9522	K - 2	IC2506	E - 2	Q2502	F - 2	Q2601	D - 3	Q7810	G - 5	Q7826	B - 6	Q8506	A - 4	Q9512	H - 3
D6019	E - 5	D7820	G - 5	D9524	K - 1	IC2507	E - 3	Q2503	G - 3	Q2611	D - 4	Q7811	G - 5	Q7827	B - 4	Q8507	C - 3	Q8613	E - 2
D7801	I - 4	D7822	E - 4	D9526	L - 3	IC2601	D - 2	Q2504	F - 2	Q2612	D - 2	Q7812	C - 4	Q7828	D - 5	Q8550	H - 4	Q9514	H - 2
D7802	I - 5	D7824	E - 4	D9534	B - 2	IC7802	F - 4	Q2505	F - 3	Q2613	C - 3	Q7813	C - 5	Q7829	C - 4	Q8552	H - 4	Q9515	H - 2
D7803	G - 4	D7850	D - 4	D9535	C - 2	IC7805	F - 5	Q2506	E - 4	Q2617	H - 3	Q7814	D - 4	Q7830	C - 4	Q8601	B - 1	Q9516	H - 2
D7804	I - 5	D7861	I - 4	D9542	F - 2	IC7806	C - 4	Q2508	D - 2	Q2618	D - 2	Q7815	D - 4	Q7831	D - 5	Q9500	C - 1	Q9518	D - 6
D7807	H - 4	D7862	D - 5	D9543	E - 3	IC7808	D - 5	Q2509	D - 3	Q2619	D - 2	Q7819	G - 5	Q7832	D - 5	Q9502	I - 2	Q9601	H - 3

~ A2E4 Board Difference Table ~

Ref	KLV-S40A10E	KDL-S40A11E & KDL-S40A12U
CN8550	NOT FITTED	4P
CN8551	NOT FITTED	12P
D6014	NOT FITTED	MMDL914T1
D8412	NOT FITTED	UDZ-TE-17-6.2B
R6045	NOT FITTED	0
R8002	100k 5% 1/10W	NOT FITTED
R8560	NOT FITTED	0
R8561	NOT FITTED	0
R8562	NOT FITTED	0
R8563	NOT FITTED	0



~ BE Board Schematic Diagram [Video Processor, PC Input] Page 1/6 ~



~ BE Board Schematic Diagram [Video Processor, PC Input] Page 2/6 ~

BE_S40-WAX

BE 3/6

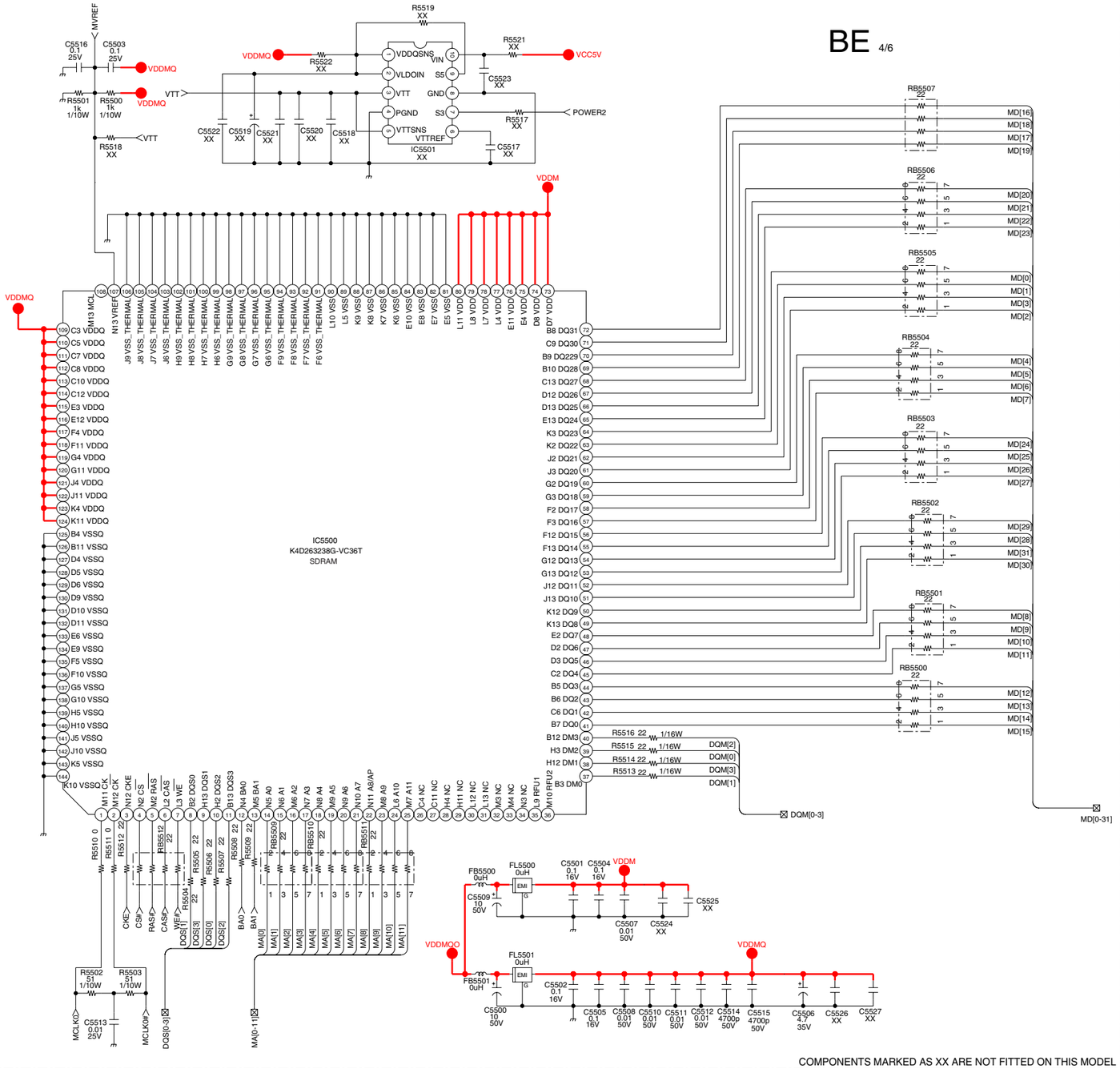
IC5000
SVPEX-SREVB
VIDEO PROCESSOR

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

PANEL INTERFACE BOARD

BE.-S40-WAX

BE 4/6



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ BE Board Schematic Diagram [Video Processor, PC Input] Page 4/6 ~

BE.-S40-WAX

FROM S1 PWB (DIGITAL)

INPUT TO Trident

MAIN_DIN

RB4704 22 — DT_C_DC0, DT_C_DC1, DT_C_DC2, DT_C_DC3

RB4705 22 — DT_C_DC4, DT_C_DC5, DT_C_DC6, DT_C_DC7

R7542 0 CHIP

TO N BOARD CN3400

CN5404 15P BRN: GND 1, VDO(7) 2, VDO(6) 3, GND 4, VDO(5) 5, VDO(4) 6, GND 7, VDO(3) 8, VDO(2) 9, GND 10, VDO(1) 11, VDO(0) 12, GND 13, VD_CLK 14, GND 15

RB4706 1K — DT_C_DY4, DT_C_DY5, DT_C_DY6, DT_C_DY7

RB4703 1K — DT_C_DY0, DT_C_DY1, DT_C_DY2, DT_C_DY3

C8537 XX, R7541 0 CHIP, C8538 XX, R7571 1K — DT_C_CLK

R4703 XX (CLK) — DT_C_VS

R4704 XX (VS) — DT_C_HS (HS)

STBY5V

L1001 2.2UH, C1036 100 6.3V, C1038 100PF

CN1004 18P

1	GND
2	TXD
3	RXD
4	RES
5	VIN
6	MD0
7	MD1
8	MD2
9	NC(P-TXD)
10	NC(P-RXD)
11	FEW
12	NC(P-RES)
13	DTTLOG
14	VIN
15	B INT
16	RXD
17	TXD
18	GND

SERVICE CONNECTOR

R1004 0 CHIP, R1005 0 CHIP; C1047 0.1 25V, C1048 0.1 25V, C1049 0.1 25V; JL; CS, RX, TX

STBY3.3V, STBY5V

R1207 0 CHIP

CN1005 5P

1	GND
2	SCL5V
3	SDA5V
4	B_INT
5	NC

OPEN

R1202 0 CHIP, D1006 XX, R1206 10k 1/16W

R1200 4.7k 1/10W, C1044 XX, C1043 XX, R1201 4.7k 1/10W

Q1012 2SK2158-T2B (LEVEL SHIFT), Q1011 2SK2158-T2B

SCL_B, SDA_B, SCL_5V, SDA_5V

R1204 10k 1/16W

KEY/LED/SIRCS

KEY, KEY2

C1054 100p 50V, C1055 100p 50V, D1010 RD5.6SB-T1, D1011 RD5.6SB-T1, R1231 0, R1232 0

CN1007 4P

1	KEY
2	GND
3	KEY2
4	GND

TO H1E BOARD CN9802

C1051 22 6.3V, R1224 0 CHIP, R1303

CN5405 10P

1	GND
2	STBY5V
3	PICTURE_OFF
4	STBY_LED
5	ON_TIMER
6	PWB/RESERVE
7	REC/RESERVE
8	BL-IN
9	VD3_3
10	SIRCS

TO H3 BOARD CN9901

STBY_LED, ON_TIMER, POWER/RESERVE_LED, REC/RESERVE_LED, BL_IN, VD3_3

R1219 XX, R1220 0, R1221 XX, R1218 0, R1250 0, R1223 0, R1215 0, R1208 0

R1209 10k 1/16W, R1205 10k 1/16W, STBY3.3V

SIRCS, C8535 100p 50V, Q7412 2SK2036(TE85L), R1120 CHIP, C1050 100p 50V, D1007 XX

CN5400 15P BLK

EXTERNAL PC

FB5401 0uH, FB5402 0uH, FB5400 0uH, PS5400 XX, R5404 47, R5400 47 1/10W, F5701 0.5A 50V

PC-R, PC-G, PC-B, PC-H, PC-V, PC-SDA, PC-SCL

VD5400, VD5402, VD5404; R5413 150, R5414 150, R5417 150, R5418 150, R5420 150, R5421 150

R5411 47 1/10W, R5412 47 1/10W, R5409 10k 1/10W, R5410 10k 1/10W

D5400 HZU5.6GTRF, D5401 HZU5.6GTRF, D5402 HZU5.6GTRF, R5407 XX, R5408 XX

C5404 0.1 16V, IC5400 M24C02-WMN6T(B) SERIAL BUS EEPROM (E0, E1, E2, VSS, VCC, WC, SCL, SDA), R5422 10k 1/10W

D5405 1SS184, FB5403 0uH, D5V

R5419 1k 1/10W, R5423 XX

TO Trident

PCGND, PC_R, PCGND, PC_B, PCGND, PCGND

R5424 CHIP, R5425 CHIP, R5426 CHIP, R5427 CHIP, R5428 CHIP

PC_G

C7409 1 16V, R7413 470 1/16W, R7418 10k 1/16W, R7417 470 1/16W, R7420 1.5k 1/16W, R7424 47 1/16W, Q7410 2SA1774TL-QR

C7417 220p 16V, C7423 4.7 10V, R7435 68k 1/16W

R7401 22k 1/16W, R7402 470 1/16W, C7402 4.7 10V

R7439 0 CHIP, R7440 0 CHIP, R7446 10k 1/16W, R7447 10k 1/16W

R7448 0, R7455 0

R7457 XX, HS_PC; R7458 XX, VS_PC

R7404 18k 1/16W, Q7401 2SC4617TL-QR, C7401 0.01 25V, D7401 MA132WK-TX

C7408 0.1 10V, C7411 47 6.3V, C7414 XX, C7406 4.7 10V

R7432 0 CHIP, R7433 1k 1/16W, C7424 XX

R7411 22 1/16W, R7410 22 1/16W, PC_V_DET

R7400 18k 1/16W, D7400 MA132WK-TX, Q7402 2SC4617TL-QR, C7400 0.01 25V, C7407 4.7 10V

C7405 100p 50V, C7404 100p 50V

D7407 MA3130WA-TX, D7408 MA3130WA-TX

R7403 22k 1/16W, R7407 470 1/16W, C7403 4.7 10V

C7412 10V, C7413 0.01 25V, FB7400 0uH, VD3_3

IC7400 SN74LVC14APWR PC-H/PC-V BUFFER (1A, 1Y, 2A, 2Y, 3A, 3Y, GND, Vcc, 6A, 6Y, 5A, 5Y, 4A, 4Y)

R7415 XX, R7414 XX

PC_V, PC_H

IC7401 M52347FP-TE PC SYNC PROCESSOR

H.STATE, CLP TIMING, V.STATE, V POL, CLAMPSW, H POL, G_IN, CLAMP, GND, VCC, C/H, HD, C/H DET, HD, V IN, VD, V DET, VS/S OUT, V TIMING, VS/S IN

R7445 4.7k 1/16W, C7427 220p 16V, R7449 1k 1/16W, R7443 0, R7444 0

R7456 2.2k 1/16W, R7459 2.2k 1/16W, R7461 1k 1/16W, C7434 220p 50V, R7469 1.2k 1/16W, TH7400, R7460 1.2k 1/16W, R7450 47k 1/16W, C7428 100p 50V

C7416 0.068 10V, C7418 10 16V, C7422 0.1 10V, R7436 1k 1/16W

D5V, VS_PC, HS_PC

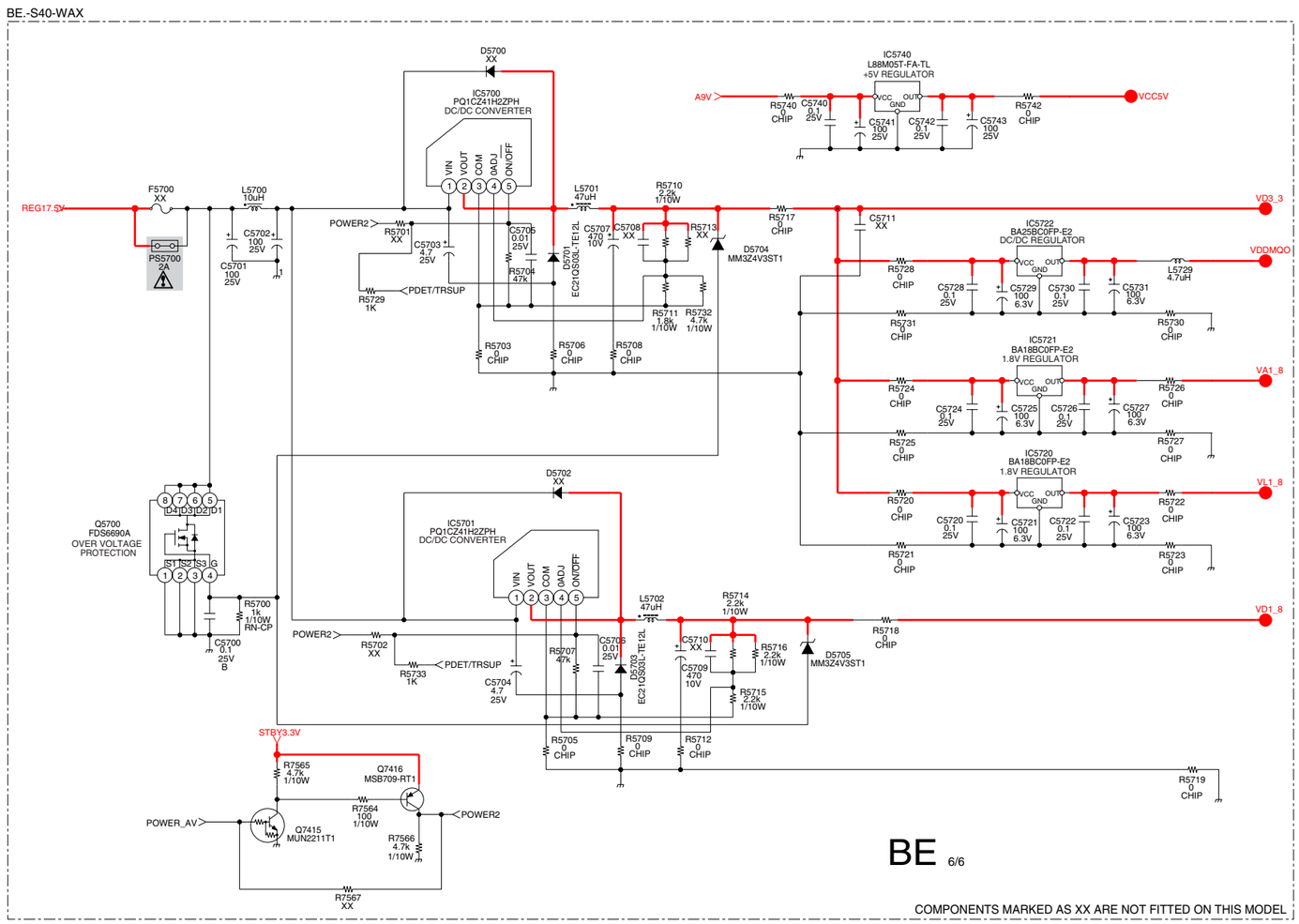
TO MAIN uCON

PC RGB INPUT

BE 5/6

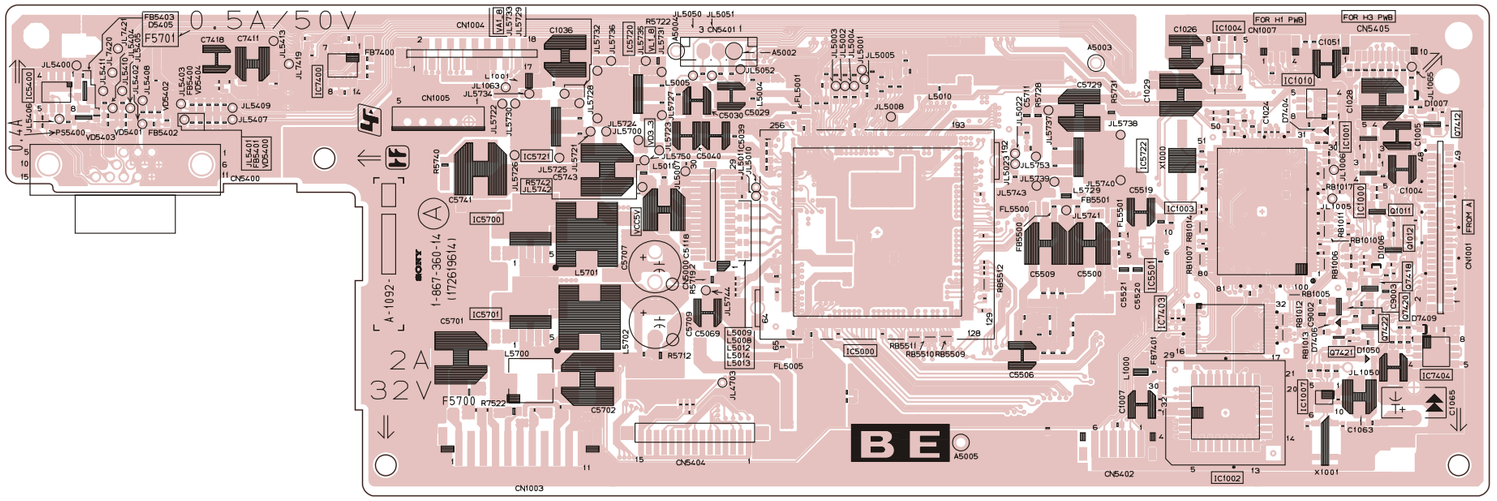
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

BE.-S40-WAX



~ BE Board Schematic Diagram [Video Processor, PC Input] Page 6/6 ~

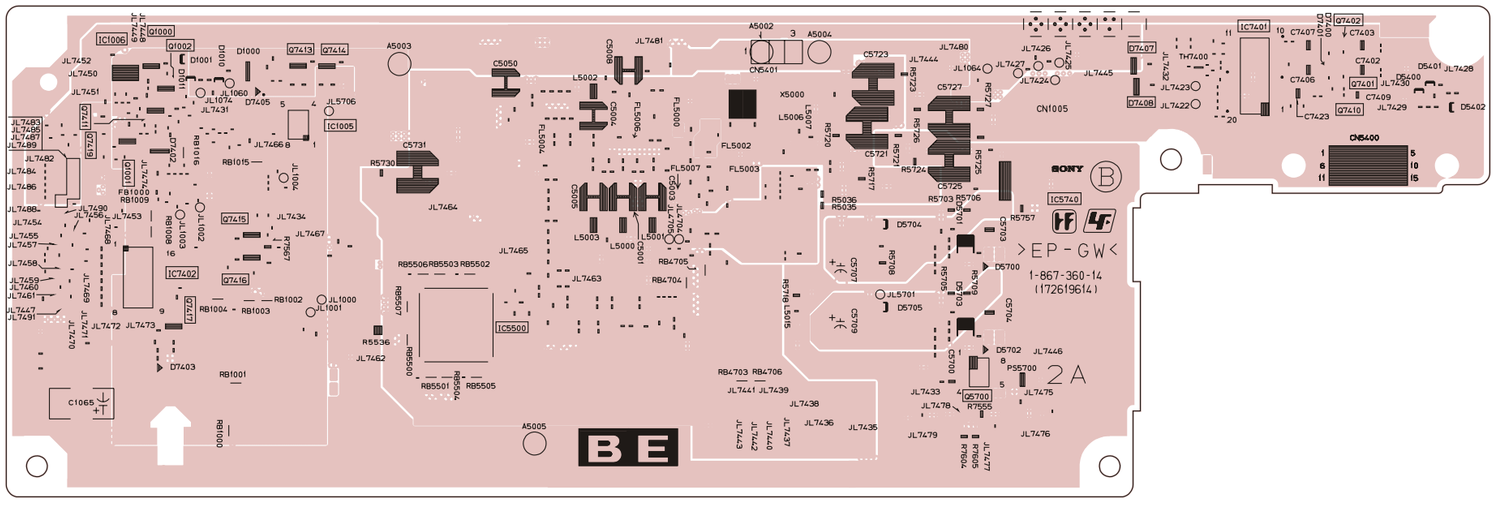
~ BE Printed Wiring Board Conductor Side A ~



~ BE Board Semiconductor Location Table Side A ~

DIODE		IC1002	I - 4	IC5701	D - 3	Q1012	J - 3
D1006	J - 3	IC1003	I - 2	IC5720	E - 2	Q7404	I - 2
D1007	J - 2	IC1004	I - 2	IC5721	D - 2	Q7409	J - 3
D1050	J - 3	IC1007	I - 4	IC5722	H - 2	Q7412	J - 2
D7406	I - 3	IC1010	I - 2	IC7400	C - 2	Q7418	J - 3
D7406	I - 3	IC5000	F - 3	IC7403	H - 3	Q7420	J - 3
IC		IC5400	A - 2	IC7404	J - 4	Q7421	J - 3
IC1000	J - 3	IC5501	H - 3	**TRANSISTOR**		Q7422	J - 3
IC1001	I - 2	IC5700	D - 3	Q1011	J - 3		

~ BE Printed Wiring Board Conductor Side B ~



~ BE Board Semiconductor Location Table Side B ~

DIODE		D5703	G - 8	IC1005	C - 7	Q7401	I - 7
D1000	B - 7	D5704	F - 8	IC1006	A - 7	Q7402	I - 7
D1001	B - 7	D5705	F - 8	IC5500	D - 9	Q7410	I - 7
D1010	B - 7	D7400	I - 7	IC5740	G - 8	Q7411	A - 7
D1011	B - 7	D7401	I - 7	IC7401	I - 7	Q7413	C - 7
D5400	J - 7	D7402	B - 7	IC7402	B - 8	Q7414	C - 7
D5401	J - 7	D7403	B - 9	**TRANSISTOR**		Q7415	B - 8
D5402	J - 7	D7405	B - 7	Q1000	B - 7	Q7416	B - 8
D5700	I - 3	D7407	H - 7	Q1001	A - 7	Q7417	B - 8
D5701	G - 8	D7408	H - 7	Q1002	B - 7	Q7419	A - 7
D5702	G - 9	**IC**		Q5700	G - 9		

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

G3 1/2 POWER SUPPLY

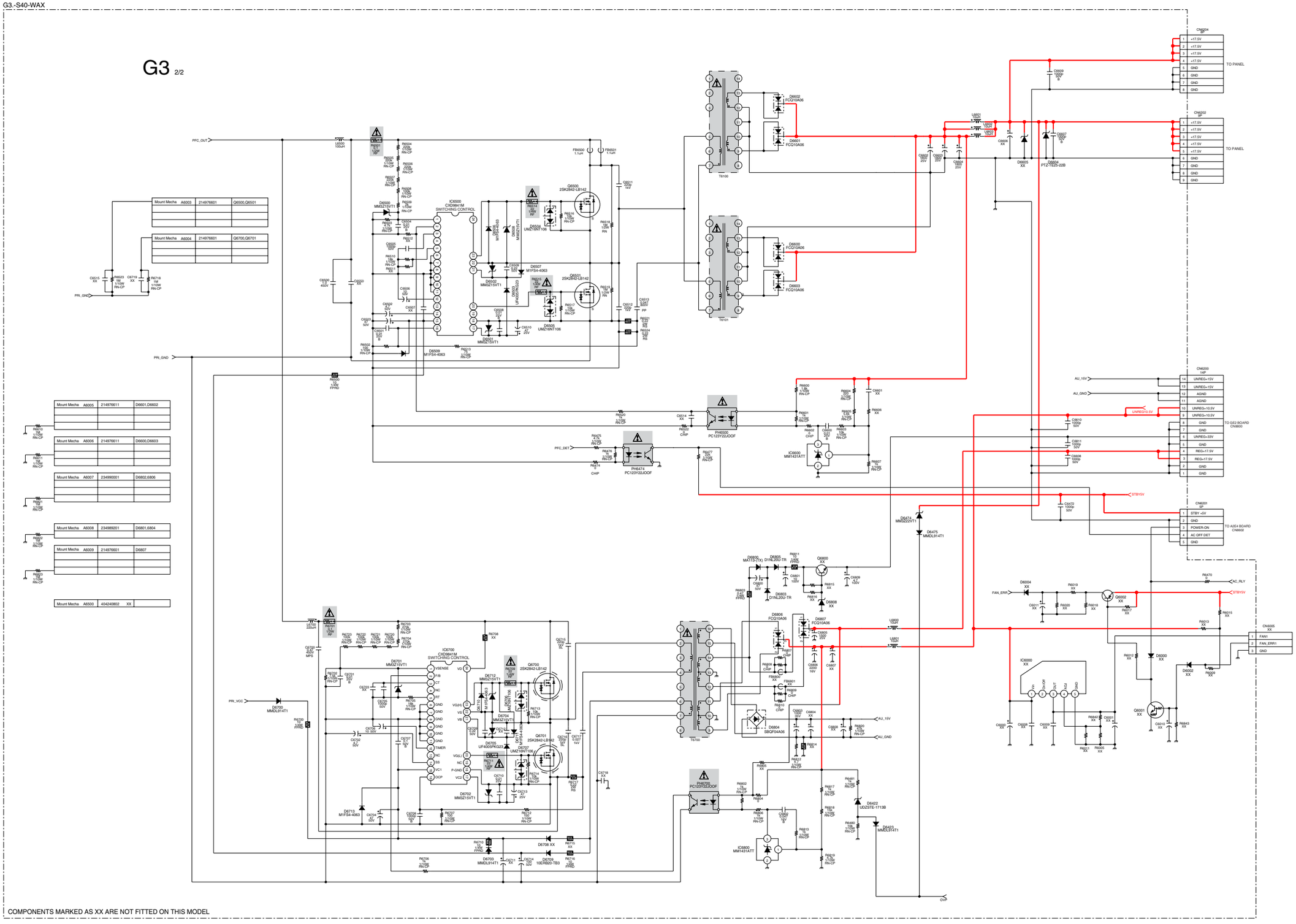
Mount Mecha	A6001	214978631	D6104

Mount Mecha	A6022	214978631	D6118,Q6105,Q6106,Q6107,TH6420

~ G3 Board Schematic Diagram [Power Supply] Page 1/2 ~

G3.-S40-WAX

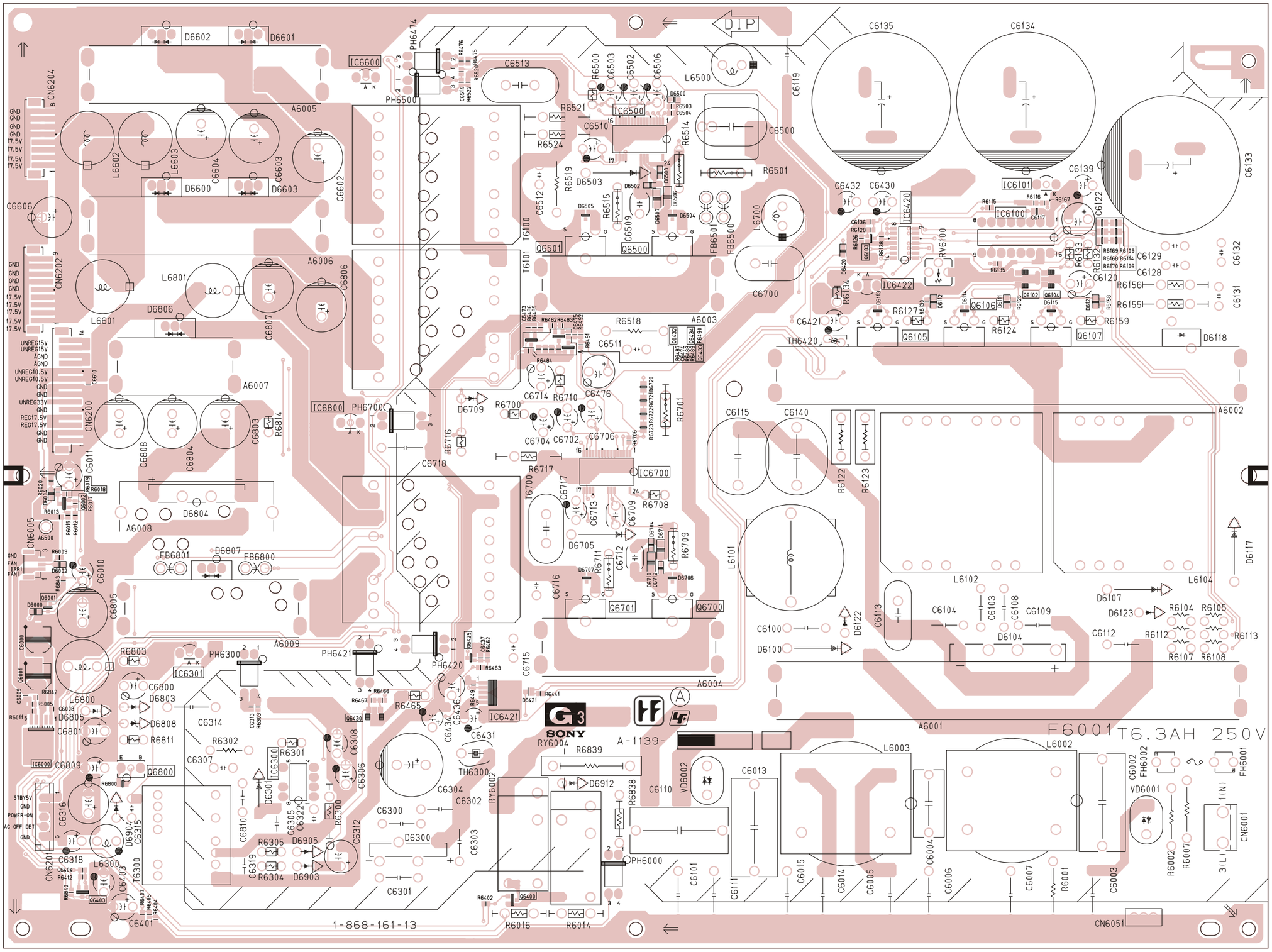
G3 2/2



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ G3 Board Schematic Diagram [Power Supply] Page 2/2 ~

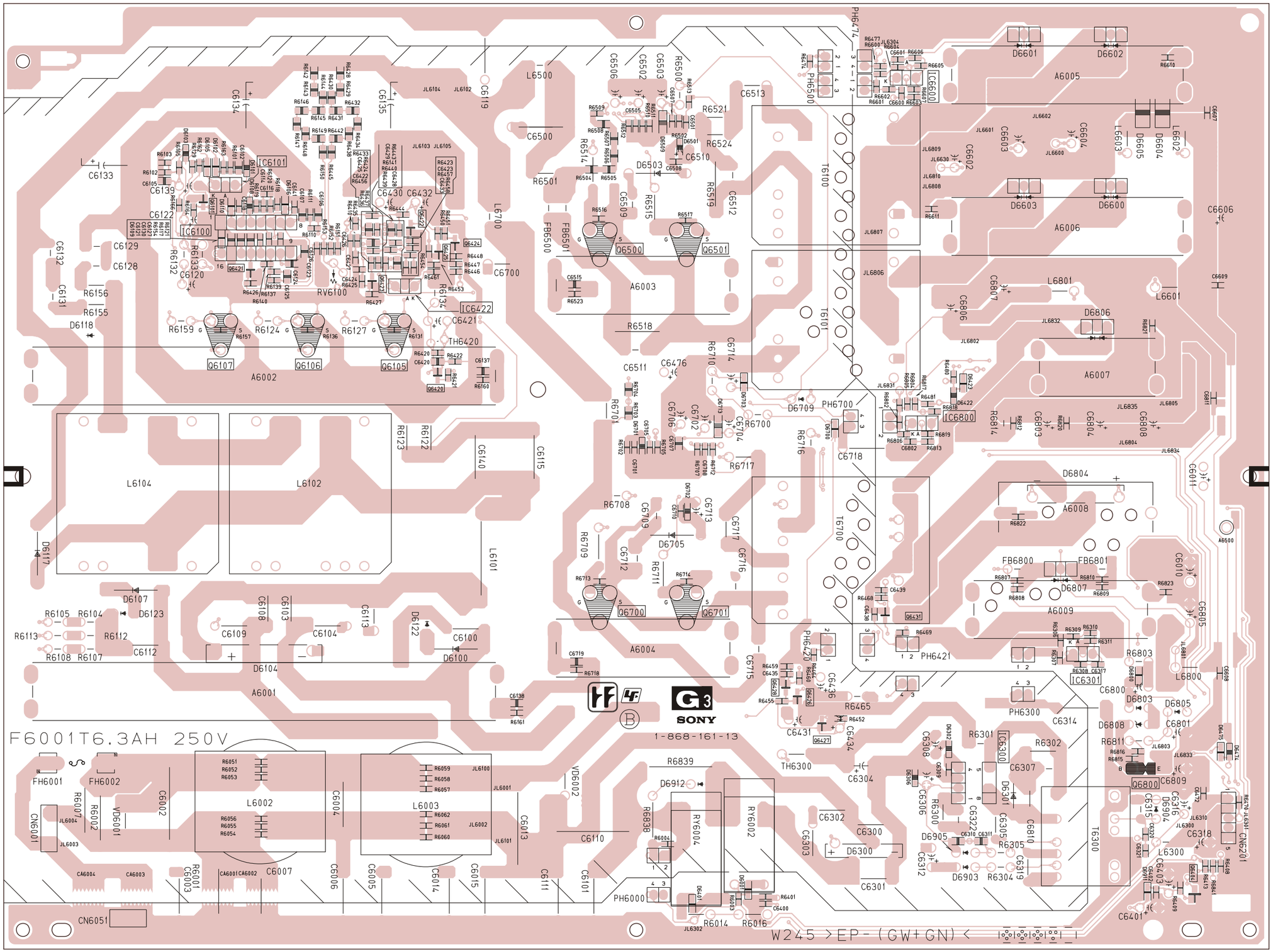
~ G3 Printed Wiring Board Conductor Side A ~



~ G3 Board Semiconductor Location Table Side A ~

DIODE			
D6000	A - 7	D6804	C - 6
D6002	A - 7	D6805	A - 8
D6004	A - 6	D6806	B - 4
D6100	I - 8	D6807	C - 6
D6104	F - 1	D6808	B - 8
D6107	K - 7	D6903	D - 10
D6111	K - 4	D6904	B - 9
D6112	J - 4	D6905	D - 10
D6113	J - 4	D6912	G - 9
D6114	K - 4	**IC**	
D6115	K - 4	IC6100	K - 3
D6117	M - 7	IC6101	K - 3
D6118	M - 4	IC6300	C - 9
D6121	L - 4	IC6301	C - 8
D6122	I - 7	IC6420	J - 3
D6123	L - 7	IC6421	F - 8
D6300	E - 10	IC6422	J - 4
D6301	C - 9	IC6500	G - 2
D6420	I - 4	IC6600	D - 1
D6421	F - 8	IC6700	G - 6
D6500	H - 2	IC6800	D - 5
D6502	G - 3	**TRANSISTOR**	
D6503	G - 3	Q6001	A - 7
D6504	H - 3	Q6002	A - 6
D6505	G - 3	Q6102	K - 4
D6506	H - 3	Q6103	J - 3
D6507	G - 3	Q6104	K - 4
D6508	G - 3	Q6105	J - 4
D6600	C - 3	Q6106	K - 4
D6601	C - 1	Q6107	L - 4
D6602	C - 2	Q6400	F - 10
D6603	C - 3	Q6403	A - 10
D6704	G - 6	Q6429	E - 8
D6705	F - 7	Q6430	D - 8
D6706	H - 7	Q6432	H - 4
D6707	G - 7	Q6433	H - 5
D6709	E - 5	Q6434	H - 4
D6710	G - 7	Q6500	G - 3
D6711	G - 6	Q6501	F - 3
D6712	G - 7	Q6700	H - 7
D6803	B - 8	Q6701	G - 7
		Q6800	B - 9

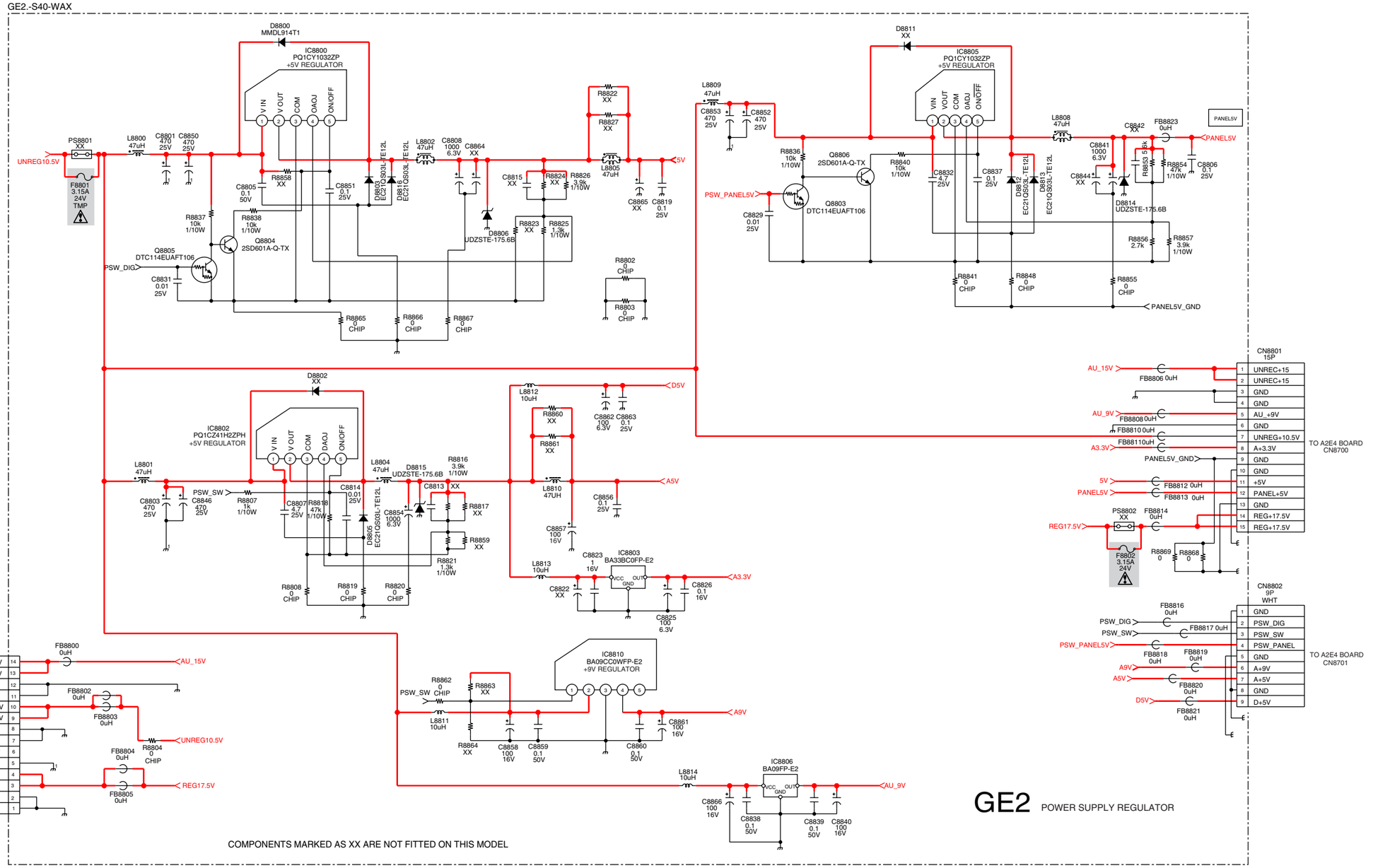
~ G3 Printed Wiring Board Conductor Side B ~



~ G3 Board Semiconductor Location Table Side B ~

DIODE			
D6001	H - 10	D6713	H - 5
D6100	E - 8	D6800	L - 8
D6101	C - 3	D6803	L - 8
D6102	C - 2	D6804	L - 6
D6103	B - 2	D6805	M - 8
D6104	C - 8	D6806	L - 4
D6105	C - 2	D6807	L - 7
D6106	D - 3	D6808	L - 8
D6107	B - 7	D6903	J - 10
D6108	C - 3	D6904	M - 9
D6109	B - 3	D6905	J - 10
D6110	C - 3	D6911	L - 10
D6117	A - 6	D6912	G - 9
D6118	A - 4	**IC**	
D6122	E - 7	IC6101	C - 2
D6123	B - 7	IC6300	K - 8
D6300	I - 10	IC6301	L - 8
D6301	K - 9	IC6422	E - 4
D6302	J - 8	IC6600	J - 2
D6306	J - 9	IC6800	J - 5
D6401	H - 10	**TRANSISTOR**	
D6422	K - 5	Q6101	C - 3
D6423	K - 5	Q6105	E - 5
D6474	M - 8	Q6106	D - 5
D6475	M - 8	Q6107	C - 5
D6501	H - 2	Q6404	M - 10
D6503	G - 3	Q6420	E - 5
D6509	G - 2	Q6421	C - 4
D6600	L - 3	Q6422	E - 3
D6601	K - 1	Q6423	D - 4
D6602	L - 1	Q6424	E - 3
D6603	K - 3	Q6425	E - 3
D6604	M - 2	Q6426	I - 8
D6605	L - 2	Q6427	I - 8
D6700	I - 5	Q6428	I - 8
D6701	G - 5	Q6431	J - 7
D6702	H - 6	Q6500	G - 3
D6703	H - 5	Q6501	H - 3
D6705	G - 6	Q6700	G - 7
D6709	I - 5	Q6701	H - 7
		Q6800	L - 9

GE2.-S40-WAX

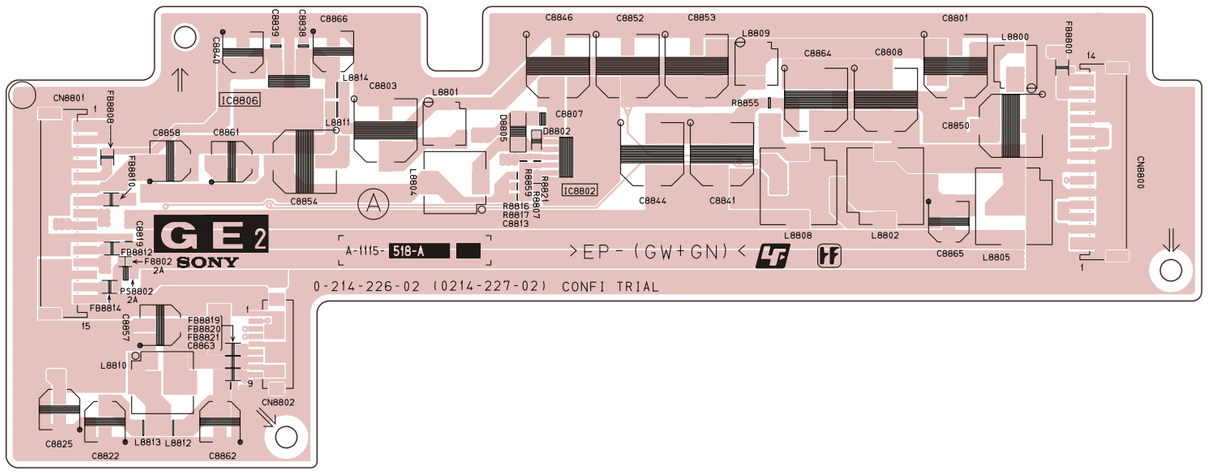


GE2 POWER SUPPLY REGULATOR

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ GE2 Board Schematic Diagram [Power Supply Regulator] ~

~ GE2 Printed Wiring Board Conductor Side A ~



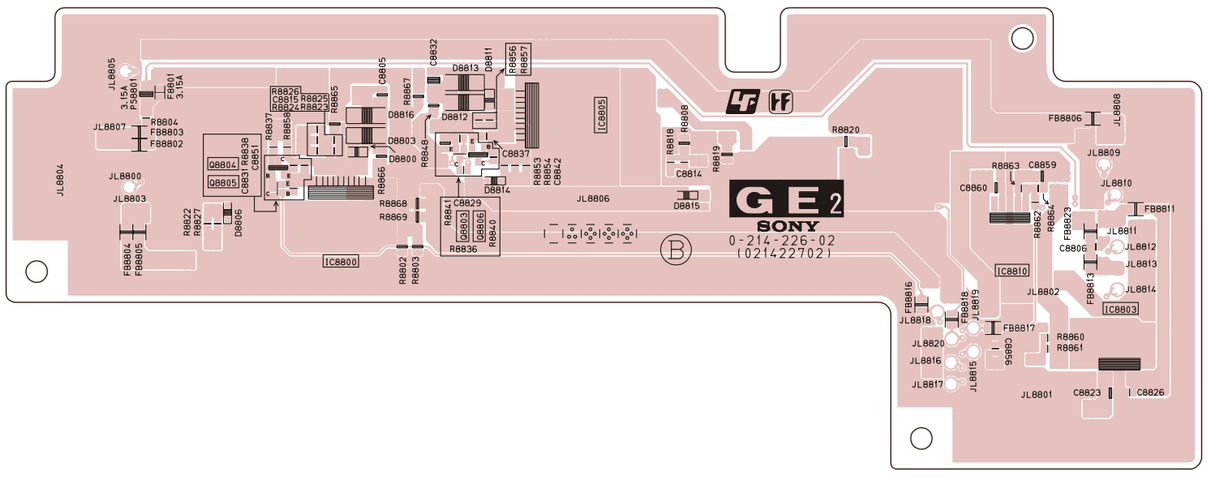
~ GE2 Board Semiconductor Location Table Side A ~

DIODE	
D8802	D - 2
D8805	D - 2
IC	
IC8802	E - 2
IC8806	B - 2

~ GE2 Board IC Voltage Table ~

Ref No	Pin No	Volts (V)
IC8802	1	12.0
	2	5.1
	3	0
	4	1.3
	5	4.7

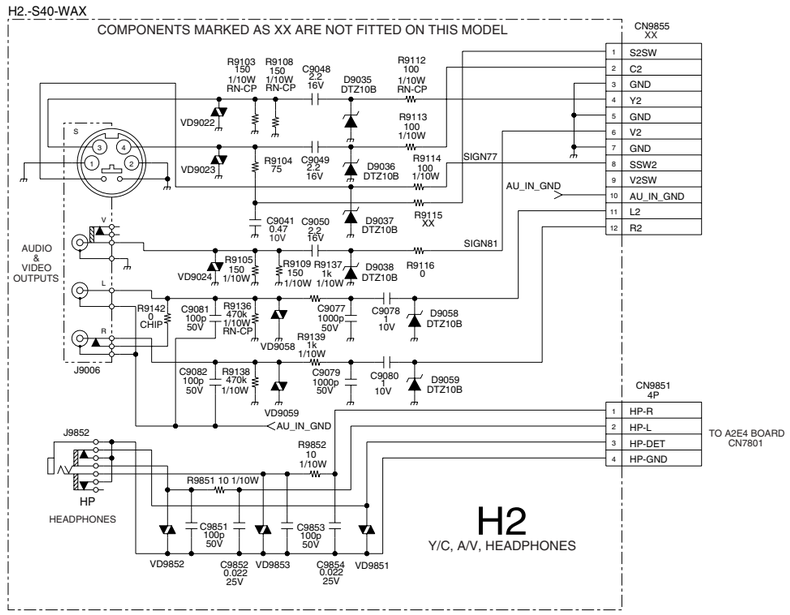
~ GE2 Printed Wiring Board Conductor Side B ~



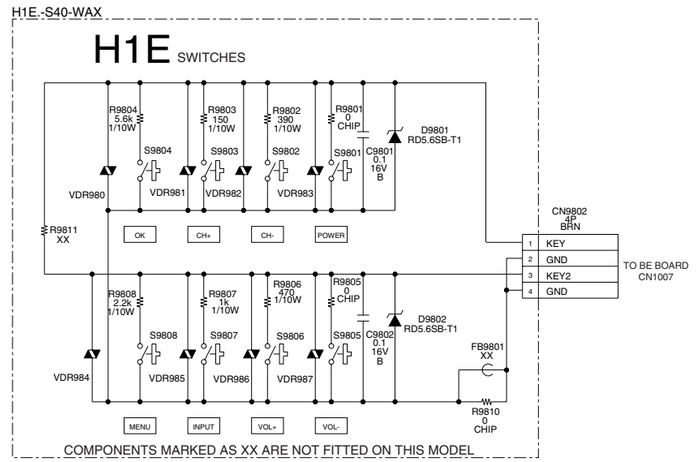
~ GE2 Board Semiconductor Location Table Side B ~

DIODE	
D8800	C - 8
D8803	C - 8
D8806	B - 8
D8811	D - 7
D8812	D - 7
D8813	D - 7
D8814	D - 8
D8815	E - 8
D8816	C - 8
IC	
IC8800	C - 8
IC8803	H - 9
IC8805	D - 8
IC8810	G - 8
TRANSISTOR	
Q8803	D - 8
Q8804	B - 8
Q8805	B - 8
Q8806	D - 8

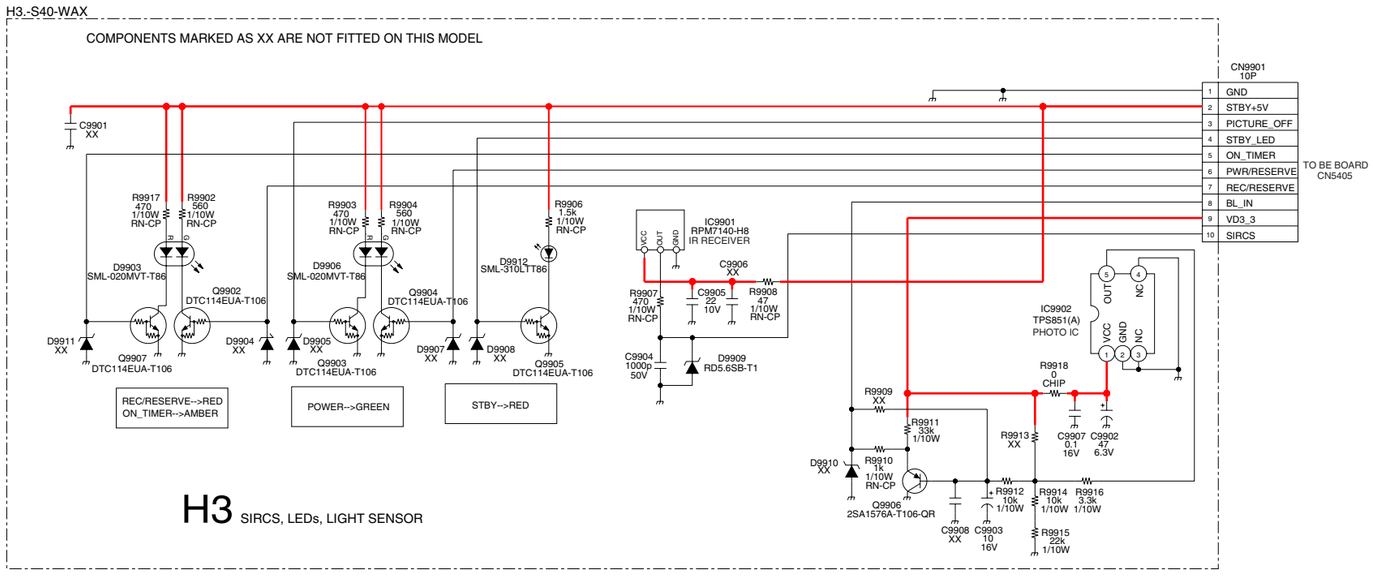
~ H2 Board Schematic Diagram [Y/C, AV, Headphones] ~



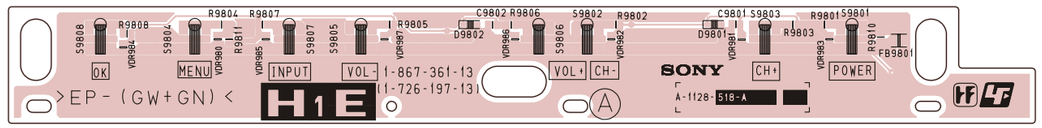
~ H1E Board Schematic Diagram [Switches] ~



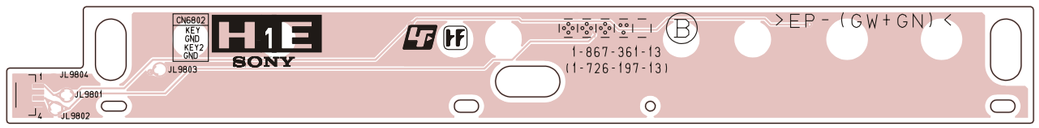
~ H3 Board Schematic Diagram [Sircs, Leds, Light Sensor] ~



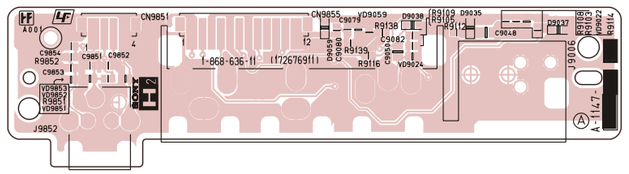
~ H1E Printed Wiring Board Conductor Side A ~



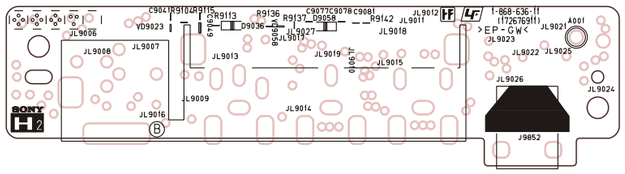
~ H1E Printed Wiring Board Conductor Side B ~



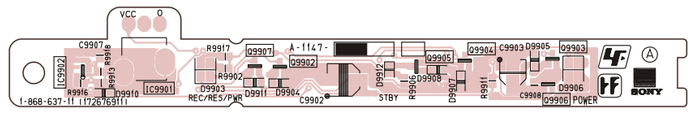
~ H2 Printed Wiring Board Conductor Side A ~



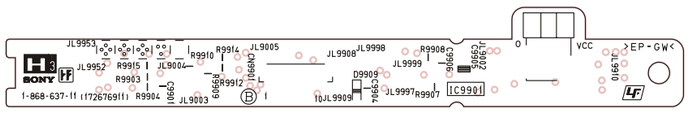
~ H2 Printed Wiring Board Conductor Side B ~



~ H3 Printed Wiring Board Conductor Side A ~



~ H3 Printed Wiring Board Conductor Side B ~



N.-S40-WAX

IC3100
UPD61120AF1-100-JN1-A
MULTI-MEDIA PROCESSOR

N 1/7 MPEG2 DECODER

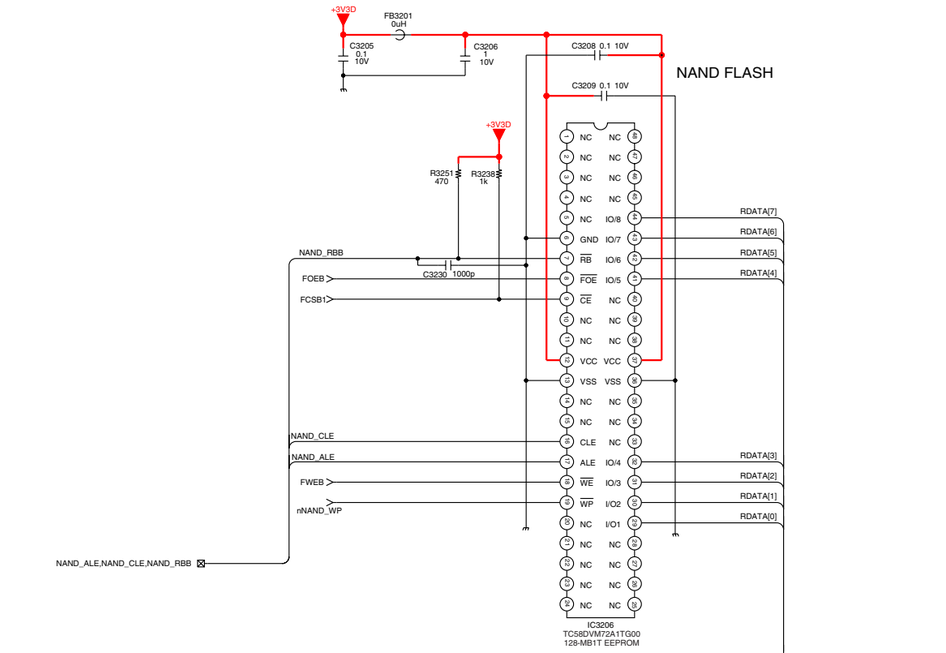
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ N Board Schematic Diagram [MPEG2 Decoder] Page 1/7 ~

N.-S40-WAX

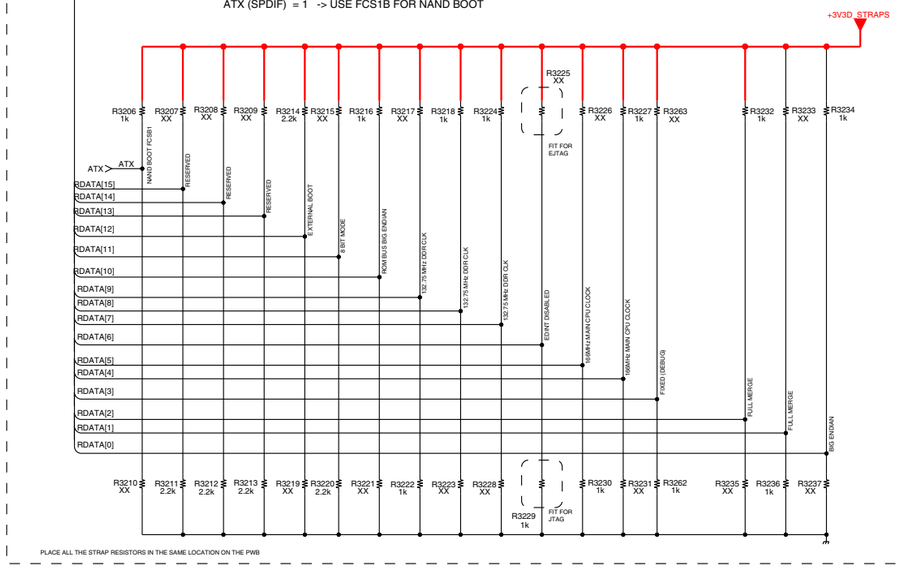
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

NAND FLASH



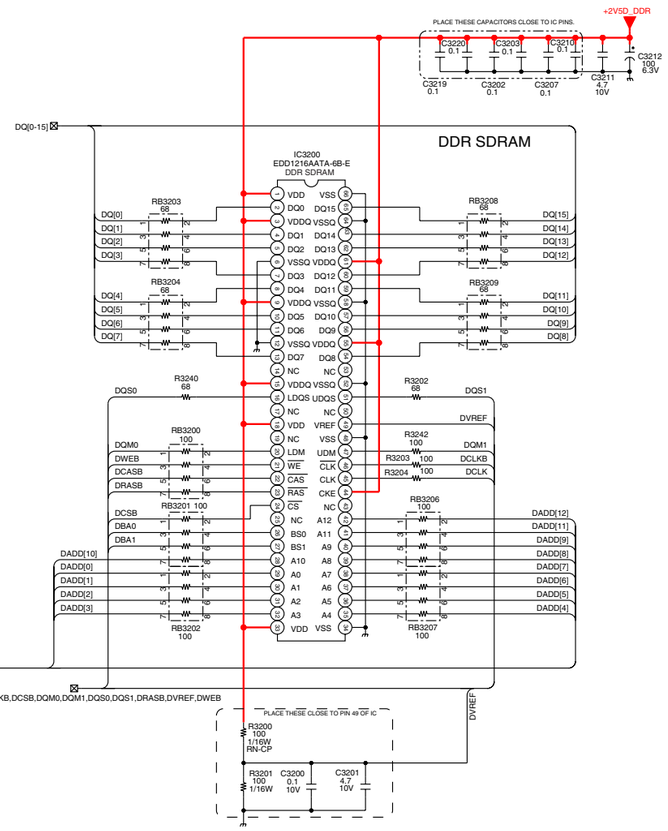
STRAP PINS

RDATA[0] = 1 -> MIPS32 IS BIG-ENDIAN
RDATA[2:1] = 10 -> FULL MERGE MODE
RDATA[3] = 0 -> FIXED (DEBUG)
RDATA[5:4] = 01 -> VRCLK = 166 MHz
RDATA[6] = 0 -> EDINT DISABLED
RDATA[9:7] = 011 -> MEMORY MCLK = 133 MHz
RDATA[10] = 1 -> ROM IS BIG ENDIAN
RDATA[11] = 0 -> NAND FLASH IS 256Mb OR LESS
RDATA[12] = 1 -> USE INTERNAL BOOT ROM
RDATA[15:13] = 000 -> USE NAND FLASH
ATX (SPDIF) = 1 -> USE FCS1B FOR NAND BOOT



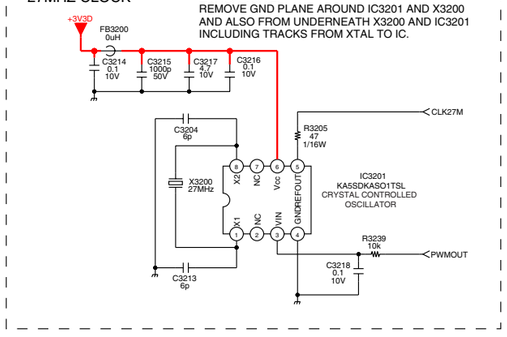
N 2/7

DDR SDRAM



27MHZ CLOCK

LAYOUT NOTE:-
REMOVE GND PLANE AROUND IC3201 AND X3200 AND ALSO FROM UNDERNEATH X3200 AND IC3201 INCLUDING TRACKS FROM XTAL TO IC.



N.-S40-WAX

COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

EXTERNAL CONNECTOR

CN3300 68P

Mount Mecha A3300 181564021

IC3301 74LVC541APW OCTAL BUFFER

IC3302 74LVC541APW OCTAL BUFFER

IC3303 74LVC00-PW NAND GATES

IC3304 74LVC541APW OCTAL BUFFER

IC3305 74LVC541APW OCTAL BUFFER

IC3306 74LVC541APW OCTAL BUFFER

IC3307 74LVT245PW OCTAL TRANSCEIVER

IC3308 74LVC541APW OCTAL BUFFER

IC3309 74LVC541APW OCTAL BUFFER

IC3310 74LVC541APW OCTAL BUFFER

IC3311 74LVT245PW OCTAL TRANSCEIVER

IC3312 74LVC541APW OCTAL BUFFER

IC3313 74LVC541APW OCTAL BUFFER

IC3314 74LVC541APW OCTAL BUFFER

IC3315 74LVC32A-PW

IC3316 74LVC14APW BUFFER

PCCARD MODE LO ADDRESS

PCCARD MODE HI ADDRESS

ADD[0:7]

ADD[8:14]

ADD[17:15]

ADD[25:18]

A[25:15] / TS TO DMX

D[15:8]

D[7:0]

TS[7:0] TO DMX

TS_IN[7:0] FROM COFDM

TS_BCLK, TP_SYNC, TP_EN / A[17:15] TO DMX

TS_BCLK, TS_PSYNC, TS_EN FROM COFDM

BYPASS MODE

TS_BCLK, TS_PSYNC, TS_EN FROM COFDM

IN_TS_BCLK,IN_TS_PVAL,IN_TS_PSYNC

IN_TSD[0-7]

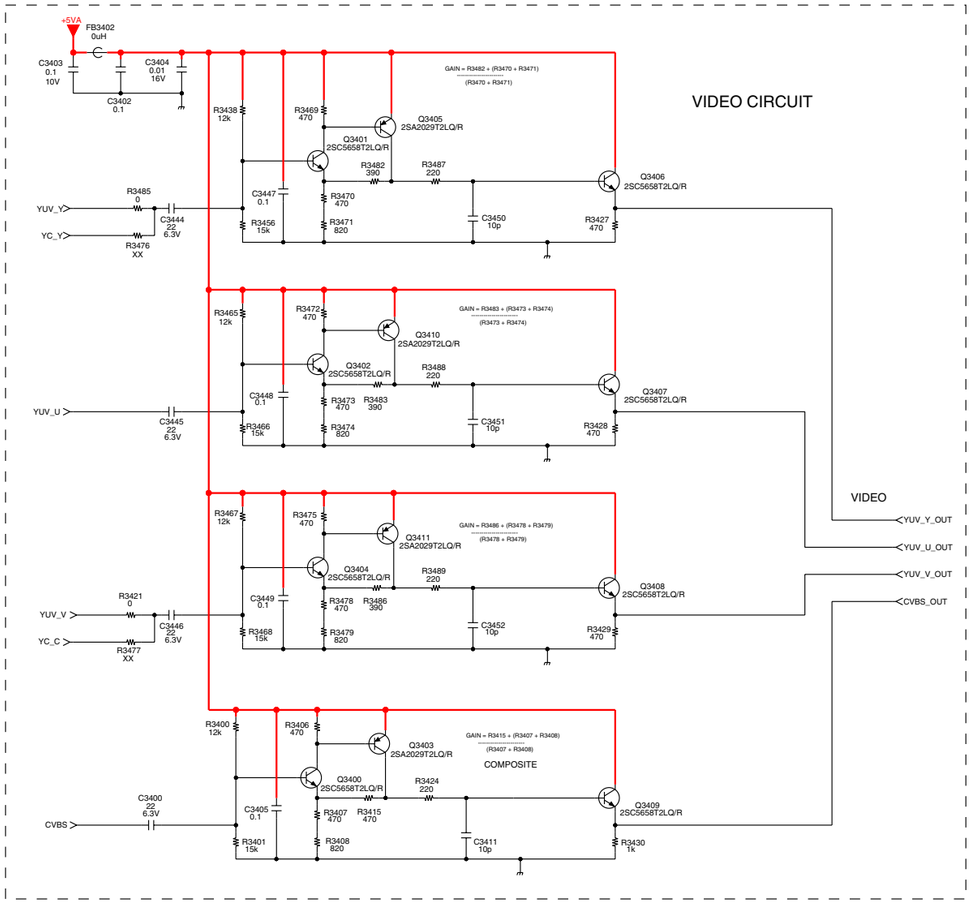
RDATA[0-15]

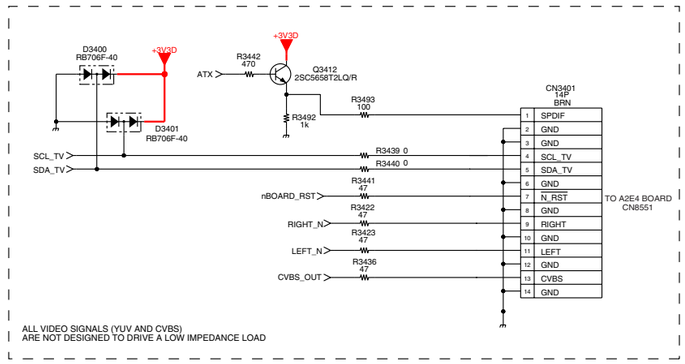
N 3/7

~ N Board Schematic Diagram [MPEG2 Decoder] Page 3/7 ~

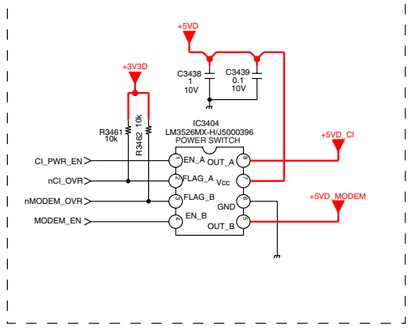
N.-S40-WAX

VIDEO CIRCUIT

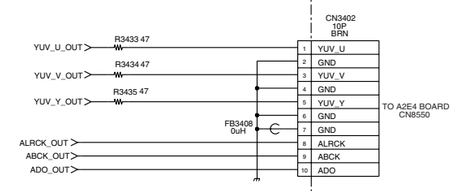


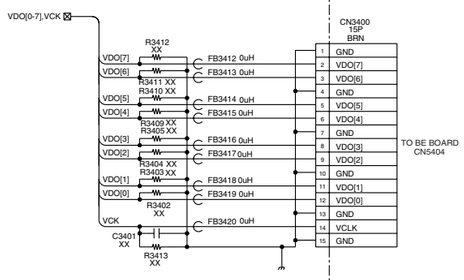


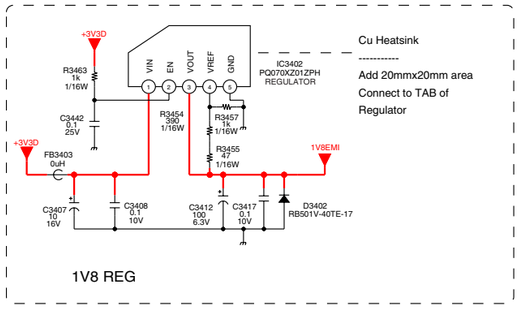
MODEM & CI PWR SWITCH

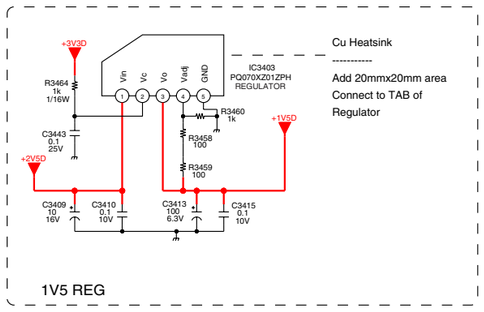


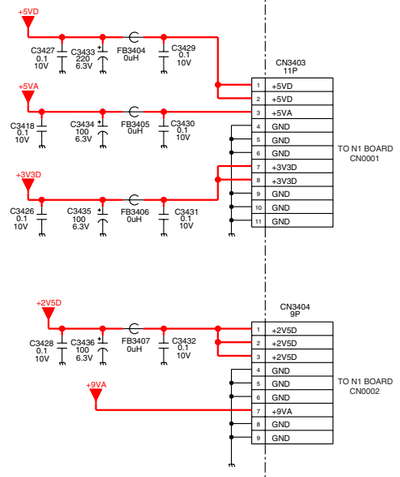
N 4/7



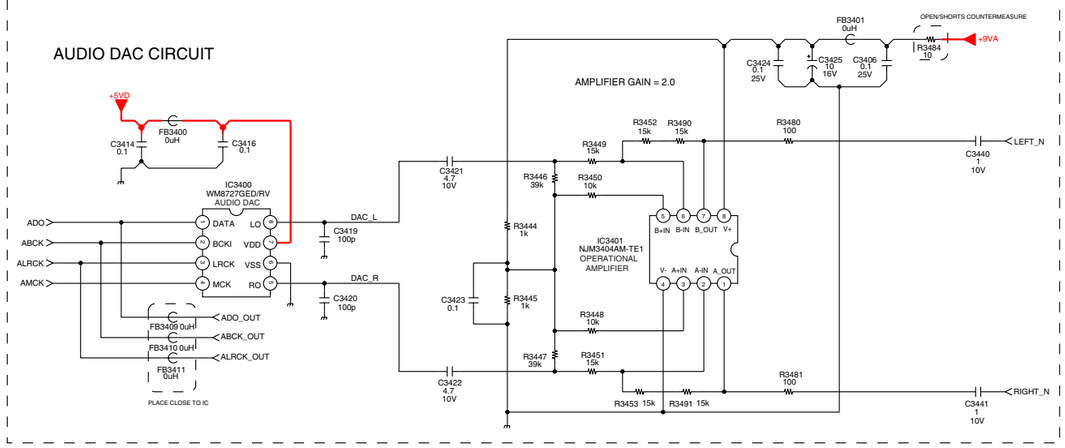








AUDIO DAC CIRCUIT



COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

~ N Board Schematic Diagram [MPEG2 Decoder] Page 4/7 ~

N.-S40-WAX

SMC/MODEM Connector

PIN 1 : GND
PIN 2 : nSMC_INT
PIN 3 : DTE-CTS
PIN 4 : DTE-RTS
PIN 5 : nSMC_RST
PIN 6 : SMC_RXD
PIN 7 : SMC_TXD
PIN 8 : DTE-TXD
PIN 9 : DTE-RXD
PIN 10: Vcc

SMARTCARD AND MODEM

IC3502
74LVC541APW
OCTAL TRANSCEIVER

COFDM

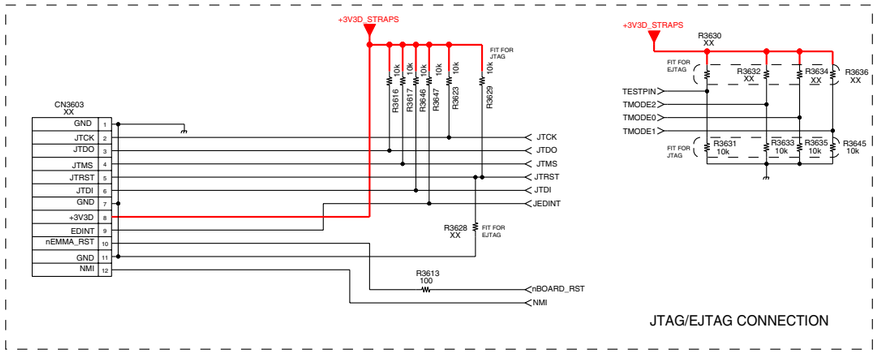
IC3504
CXD1976R-T6
OFDM

TO N1 BOARD
CN0003

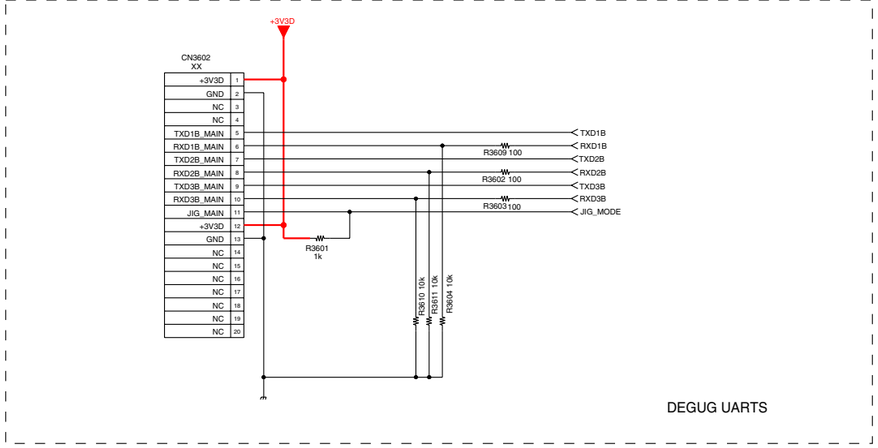
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

N 5/7

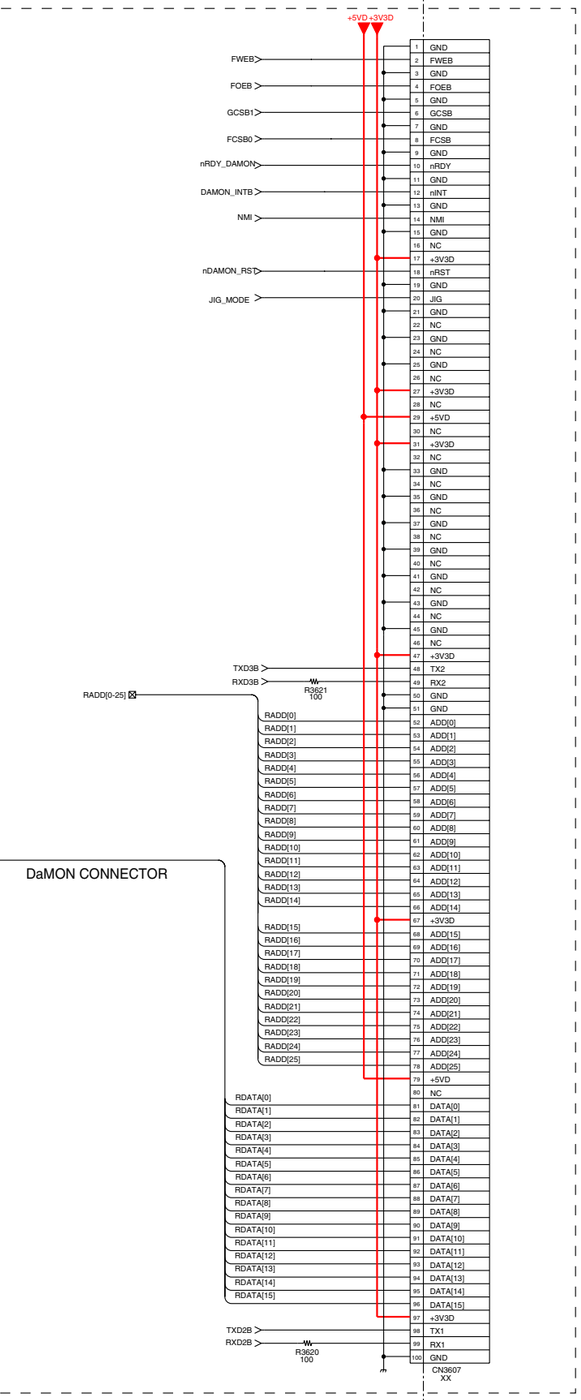
N.-S40-WAX



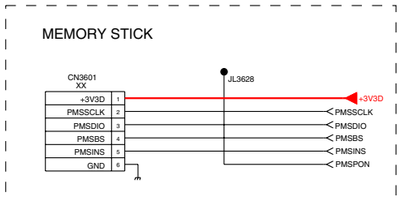
JTAG/EJTAG CONNECTION

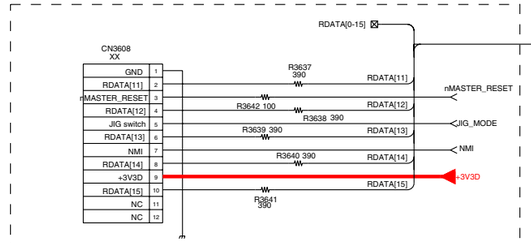


DEGUG UARTS

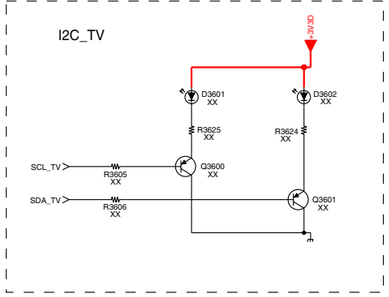


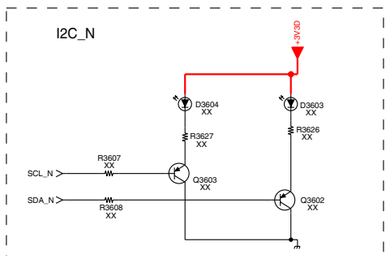
DaMON CONNECTOR





BOOT STRAP (DaMON/NAND FLASH)





COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL

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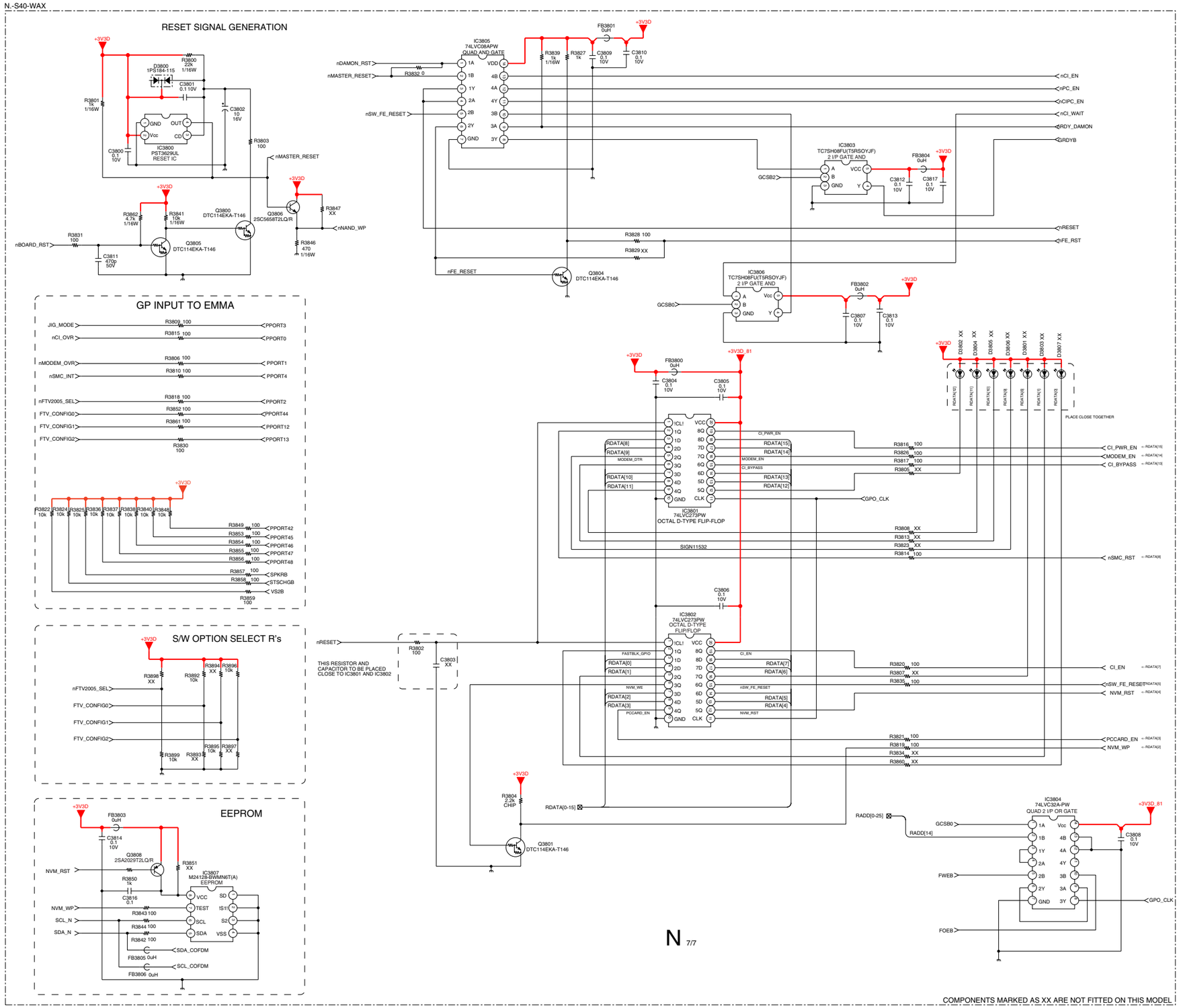
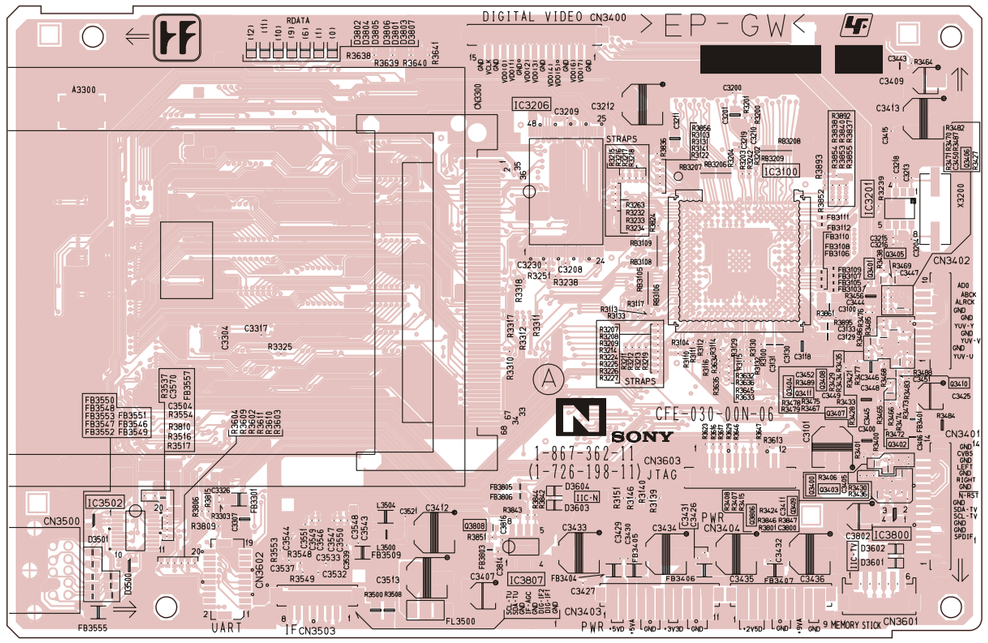
~ N Board Schematic Diagram [MPEG2 Decoder] Page 6/7 ~

N.-S40-WAX


RESET SIGNAL GENERATION
GP INPUT TO EMMA
S/W OPTION SELECT R's
EEPROM
IC2805 74LVC08APW QUAD AND GATE
IC3803 TC7SH08FU(T5RSOYJF) 2 I/P GATE AND
IC3806 TC7SH08FU(T5RSOYJF) 2 I/P GATE AND
IC3801 74LVC273PW OCTAL D-TYPE FLIP-FLOP
IC3802 74LVC273PW OCTAL D-TYPE FLIP-FLOP
IC3804 74LVC32A-PW QUAD 2 I/P OR GATE
IC3800 PST3629UL RESET IC
IC3807 M24128-BWMN6T(A) EEPROM
PLACE CLOSE TOGETHER
COMPONENTS MARKED AS XX ARE NOT FITTED ON THIS MODEL
N 7/7

~ N Printed Wiring Board Conductor Side A ~



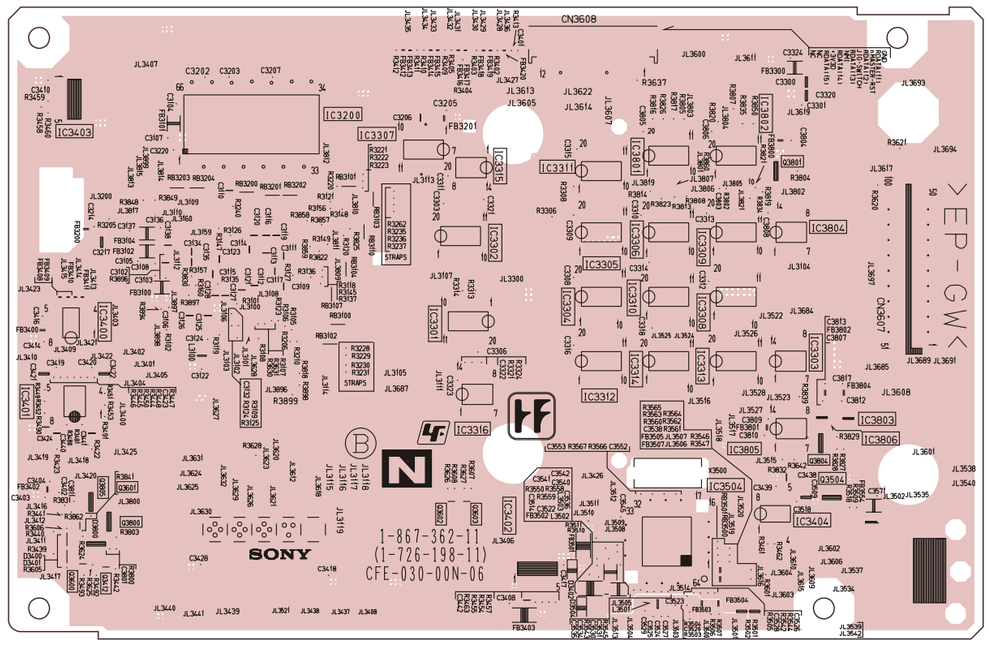
~ N Board Semiconductor Location Table Side A ~

DIODE		D3604	E - 4	D3805	D - 1	IC3201	G - 2	TRANSISTOR		Q3404	G - 4	Q3409	G - 4
D3501	B - 4	D3801	D - 1	D3806	D - 1	IC3205	E - 2	Q3400	G - 4	Q3405	G - 3	Q3410	H - 4
D3601	G - 5	D3802	D - 1	D3807	D - 1	IC3502	B - 4	Q3401	G - 3	Q3406	H - 2	Q3411	G - 4
D3602	G - 5	D3803	D - 1	IC		IC3800	G - 4	Q3402	G - 4	Q3407	G - 4	Q3806	F - 4
D3603	E - 4	D3804	D - 1	IC3100	G - 2	IC3807	E - 5	Q3403	G - 4	Q3408	E - 4	Q3808	E - 4

~ N Board Difference Table ~

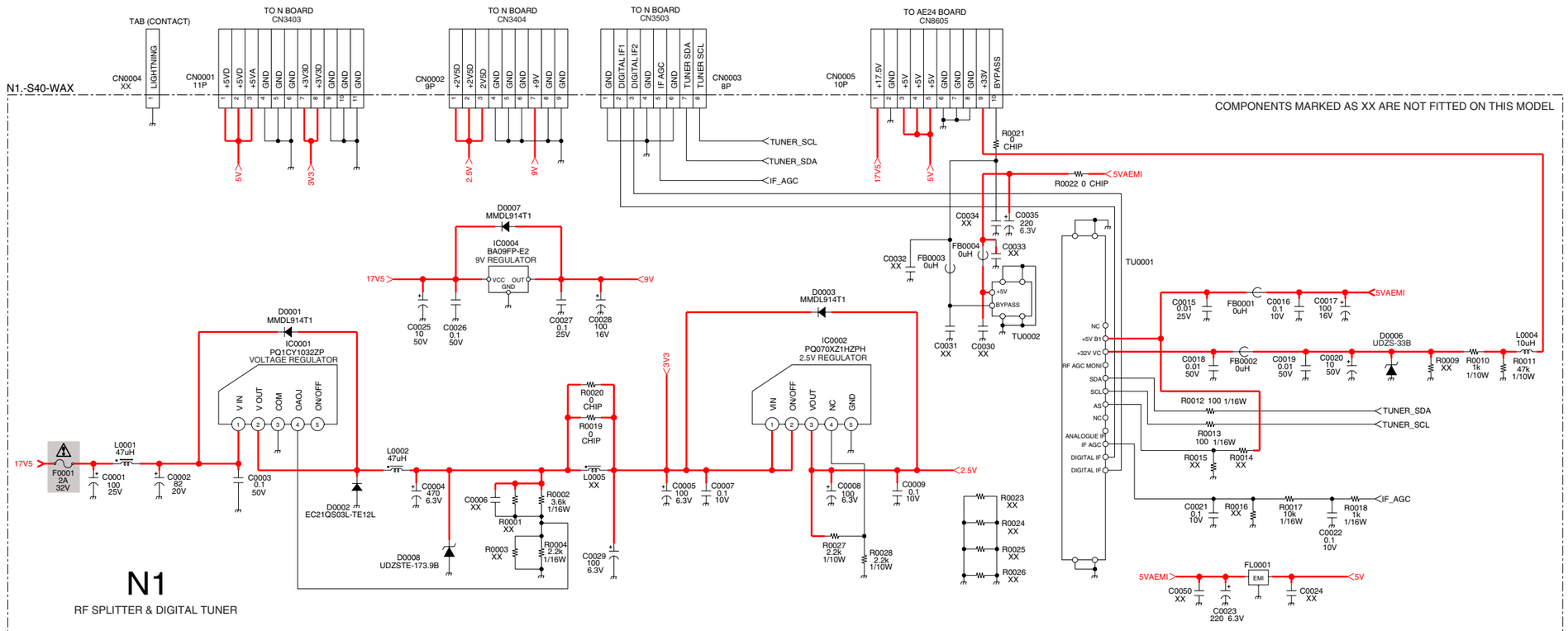
Ref	KDL-S40A11E	KDL-S40A12U
R3139	NOT FITTED	0
R3151	0	NOT FITTED

~ N Printed Wiring Board Conductor Side B ~



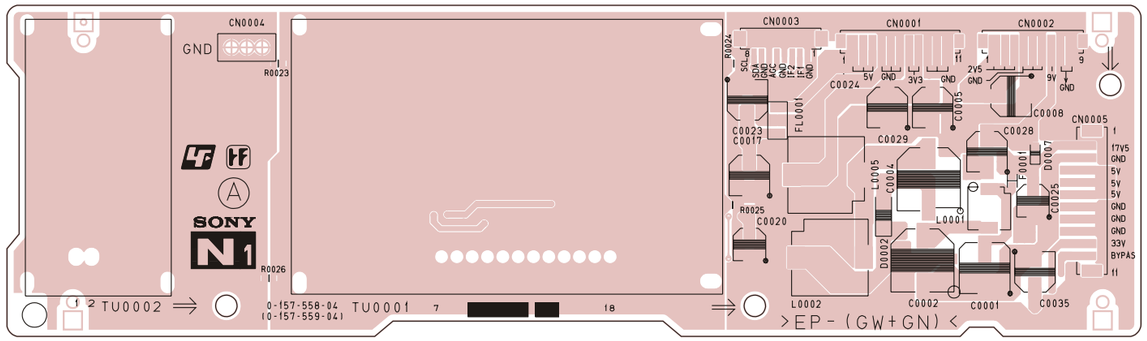
~ N Board Semiconductor Location Table Side B ~

DIODE		IC3301	D - 9	IC3308	F - 8	IC3315	D - 8	IC3504	F - 10	TRANSISTOR		Q3805	B - 10
D3400	B - 10	IC3302	D - 8	IC3309	F - 8	IC3316	D - 9	IC3801	E - 8	Q3412	B - 10		
D3401	B - 10	IC3303	G - 9	IC3310	F - 8	IC3400	B - 9	IC3802	F - 7	Q3504	G - 10		
D3402	E - 10	IC3304	E - 8	IC3311	E - 8	IC3401	B - 9	IC3803	G - 9	Q3800	B - 10		
D3504	E - 10	IC3305	E - 8	IC3312	E - 9	IC3402	E - 10	IC3804	G - 8	Q3801	G - 8		
IC		IC3306	F - 8	IC3313	F - 9	IC3403	B - 7	IC3805	F - 9	Q3804	G - 9		
IC3200	D - 7	IC3307	D - 7	IC3314	E - 9	IC3404	G - 10	IC3806	G - 9	Q3805	B - 10		



~ N1 Board Schematic Diagram [RF Splitter and Digital Tuner] ~

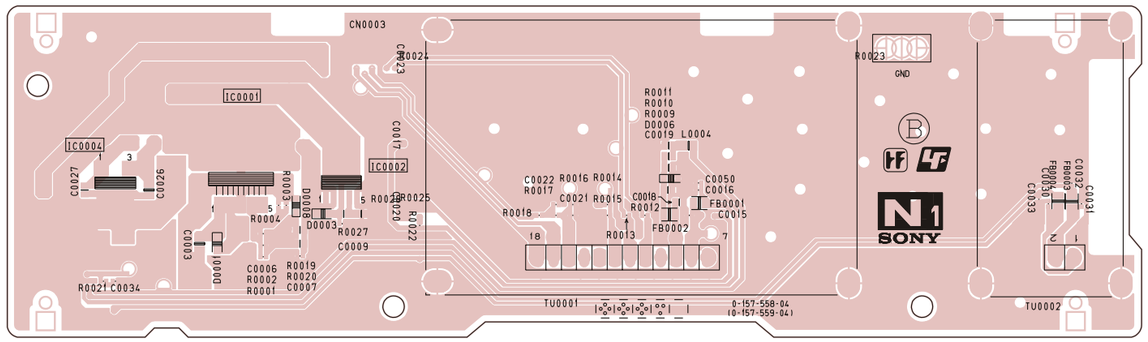
~ N1 Printed Wiring Board Conductor Side A ~



~ N1 Board Semiconductor Location Table Side A ~

DIODE	
D0002	H - 4
D0007	I - 3

~ N1 Printed Wiring Board Conductor Side B ~

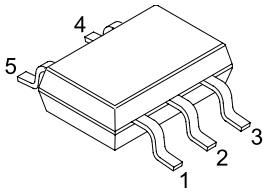


~ N1 Board Semiconductor Location Table Side B ~

DIODE	
D0001	C - 9
D0003	D - 9
D0006	F - 8
D0008	D - 9
IC	
IC0001	C - 8
IC0002	D - 8
IC0004	B - 8

4-4. SEMICONDUCTORS

74LVC00-PW
74LVC08APW
74LVC14APW
74LVC273PW
74LVC32A-PW
74LVC541APW



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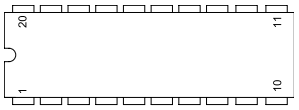

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BA09FP-E2
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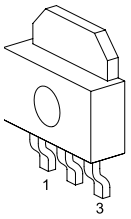
BA25BC0FP-E2
BA33BC0FP-E2



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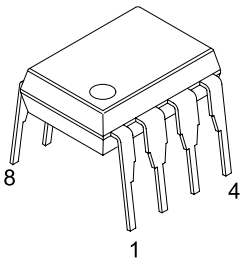

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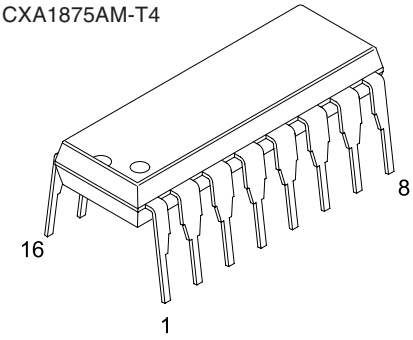

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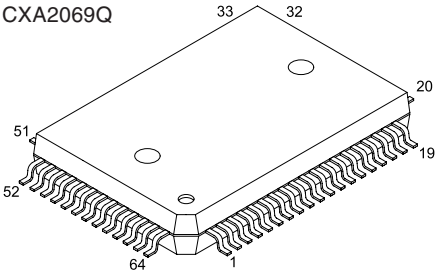

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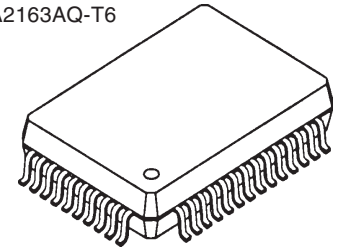

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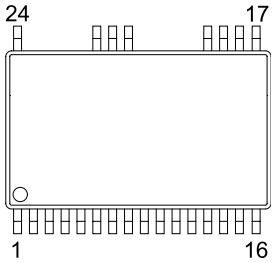

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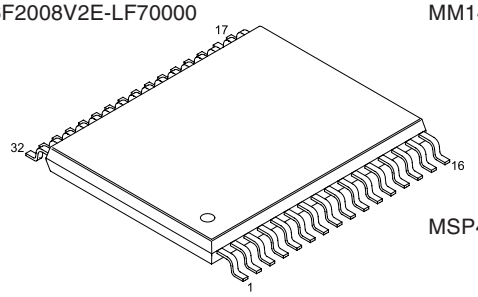

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LM75CIMX-3
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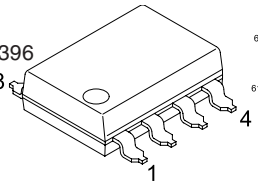
M24C32-WMN6T(B)



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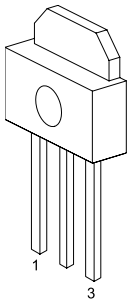

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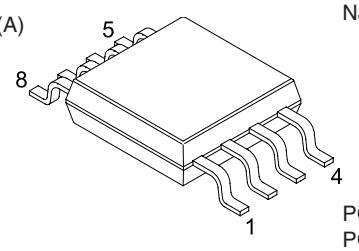

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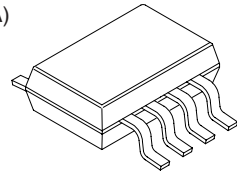

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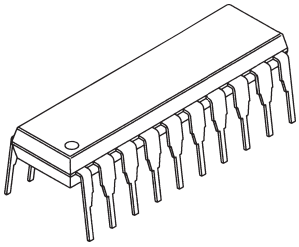

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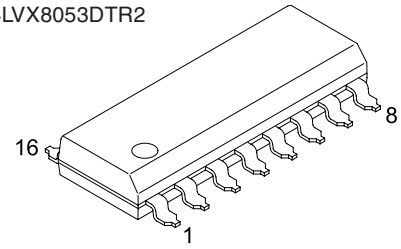

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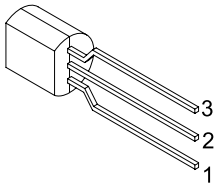

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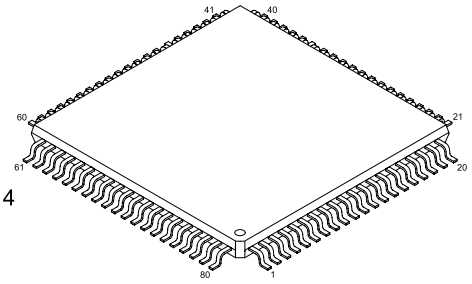

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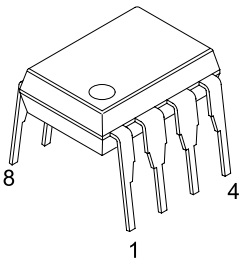

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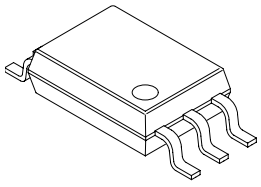

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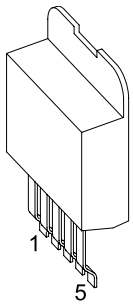

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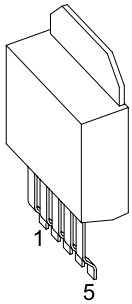

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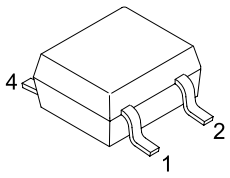

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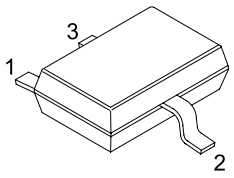

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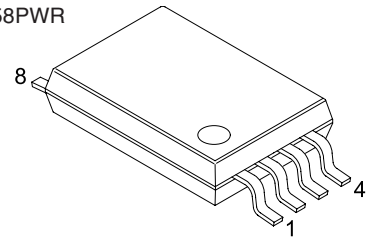

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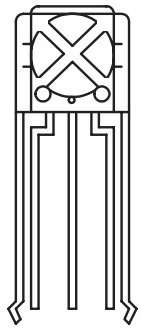

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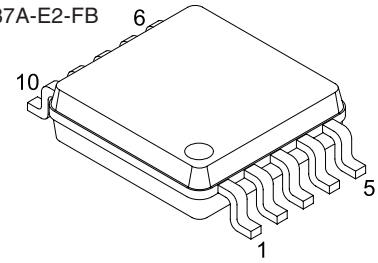

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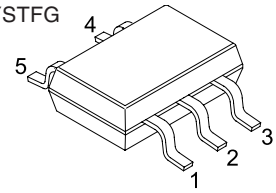

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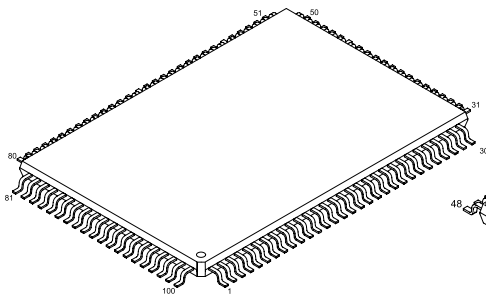

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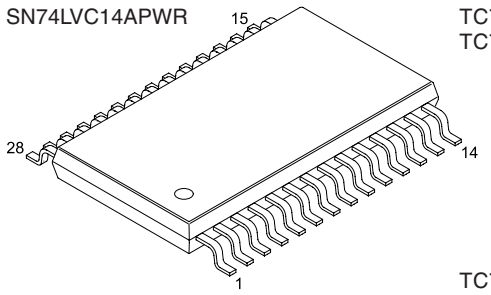

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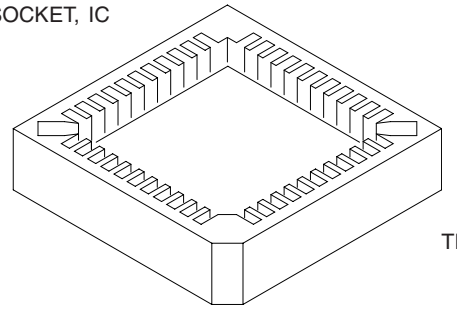

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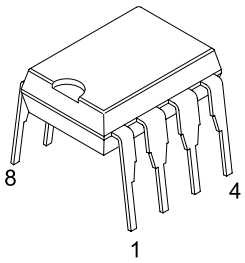

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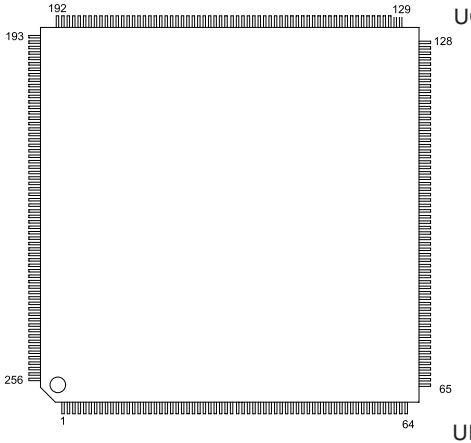

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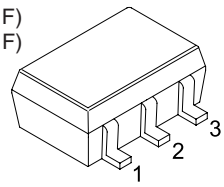

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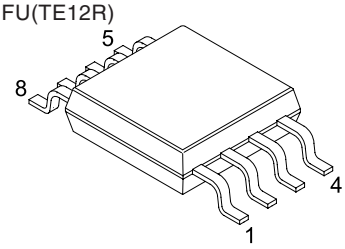

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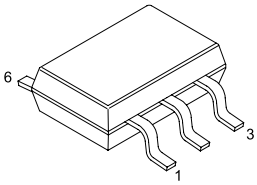

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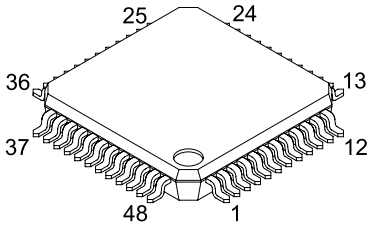

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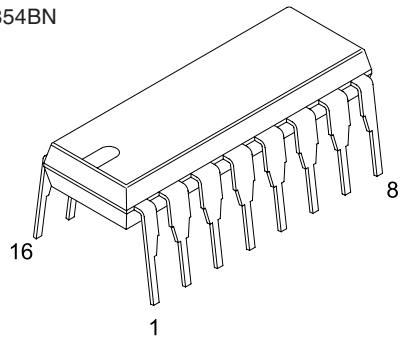

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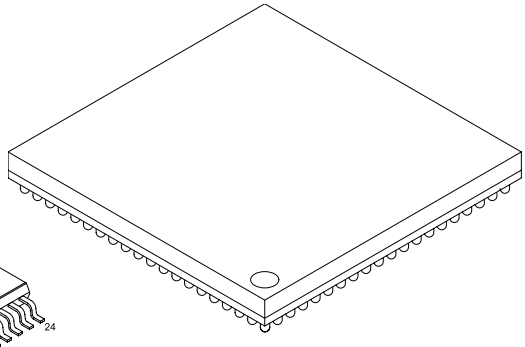

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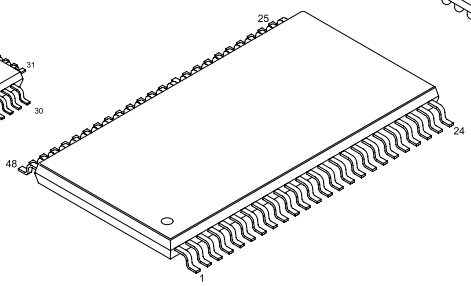


SECTION 5
EXPLODED VIEWS

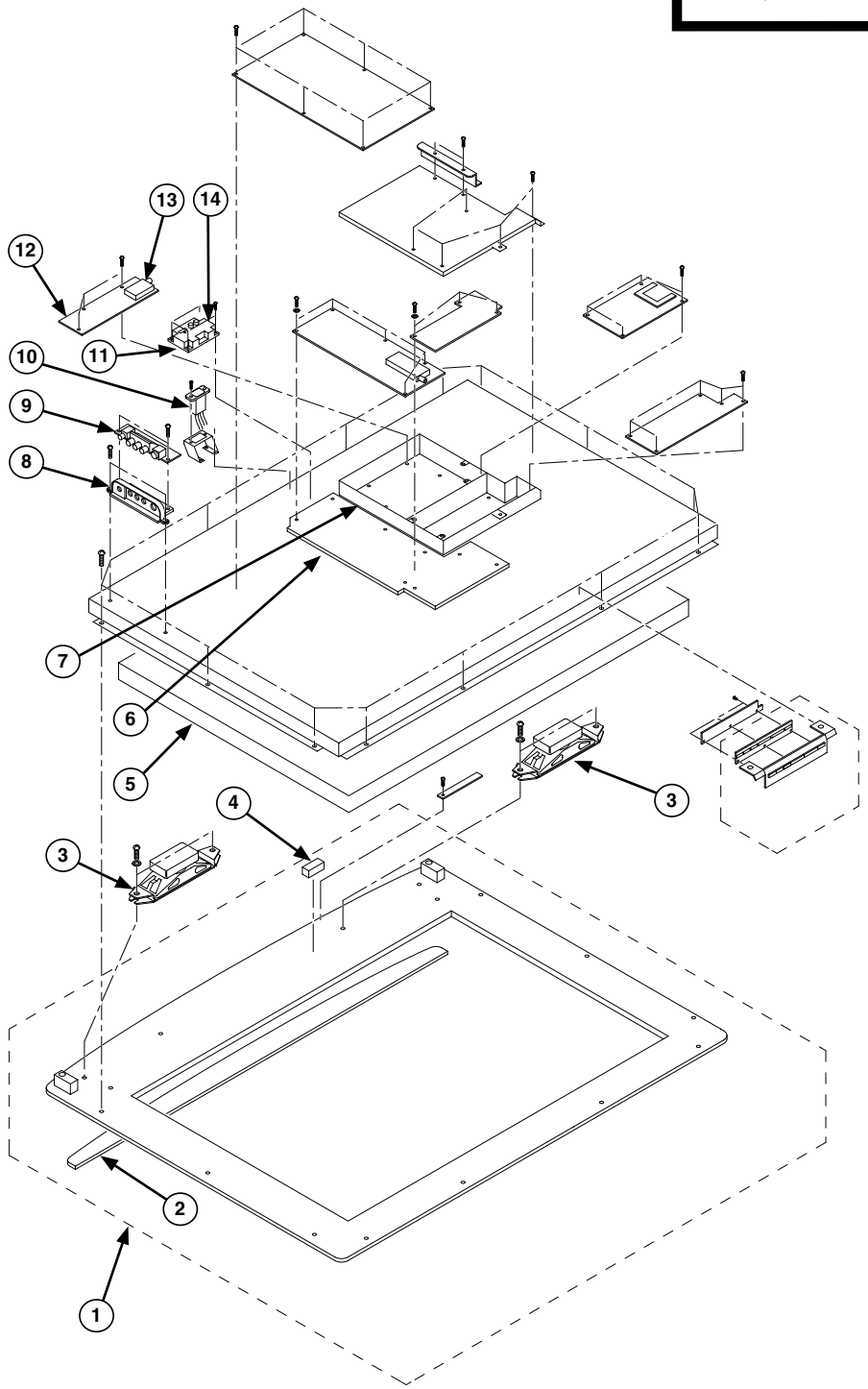
Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

NOTE :

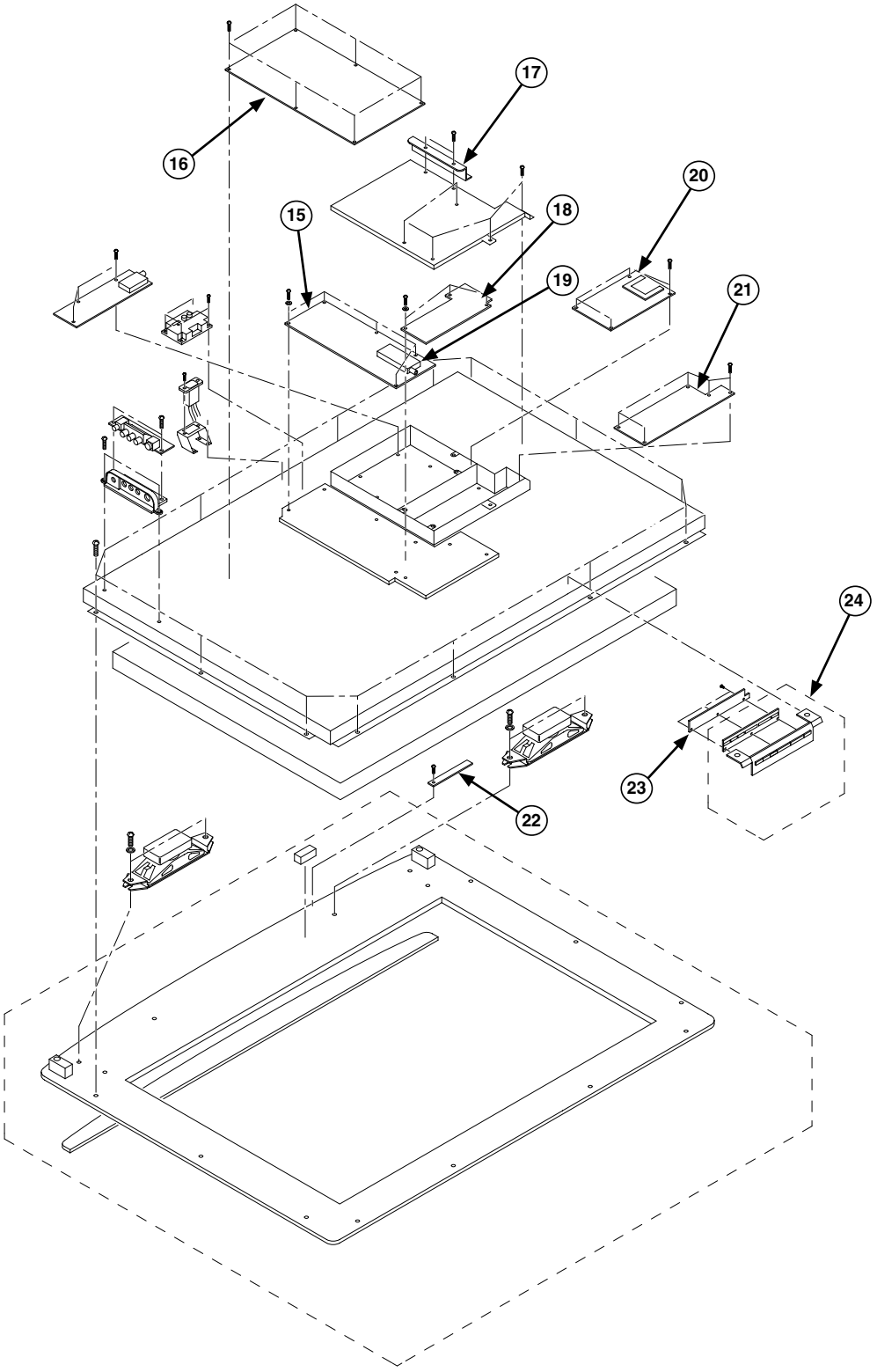
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

5-1. CHASSIS



REF.NO.		PART.NO	DESCRIPTION	REMARK
1		X-2067-506-2	BEZEL(40)(KDL-S40A12U/KLV-S40A10E) 2	
		X-2102-765-1	BEZEL ASSY(40Z)(KDL-S40A11E)	
2		2-639-176-11	WINDOW(40),FRONT(KDL-S40A12U/KLV-S40A10E)	
		2-639-176-41	WINDOW(40),FRONT(KDL-S40A11E)	
3		1-826-231-11	SPEAKER	
4		*2-515-684-01	GUIDE, LIGHT SENSOR	
5		1-805-879-11	LCD PANEL	
6		*2-629-956-03	A2E BRACKET	
7		*2-589-406-03	S1 SHIELD MAIN(A)	
8		*2-515-692-12	HOLDER SIDE JACK	
9		*A-1147-502-A	H2 BOARD, COMPLETE	
10	⚠	1-819-763-11	INLET, AC (WITH NOISE FILTER)	
11		*A-1115-077-C	P BOARD, COMPLETE	
12		*A-1139-853-A	N1 BOARD, COMPLETE (KDL-S40A12U/A11E)	
13		8-597-541-00	TUNER, FSS BTP-DC411Z (KDL-S40A12U/A11E)	
14		*2-580-361-01	SHIELD, HDMI	

5-1. CHASSIS (Continued)



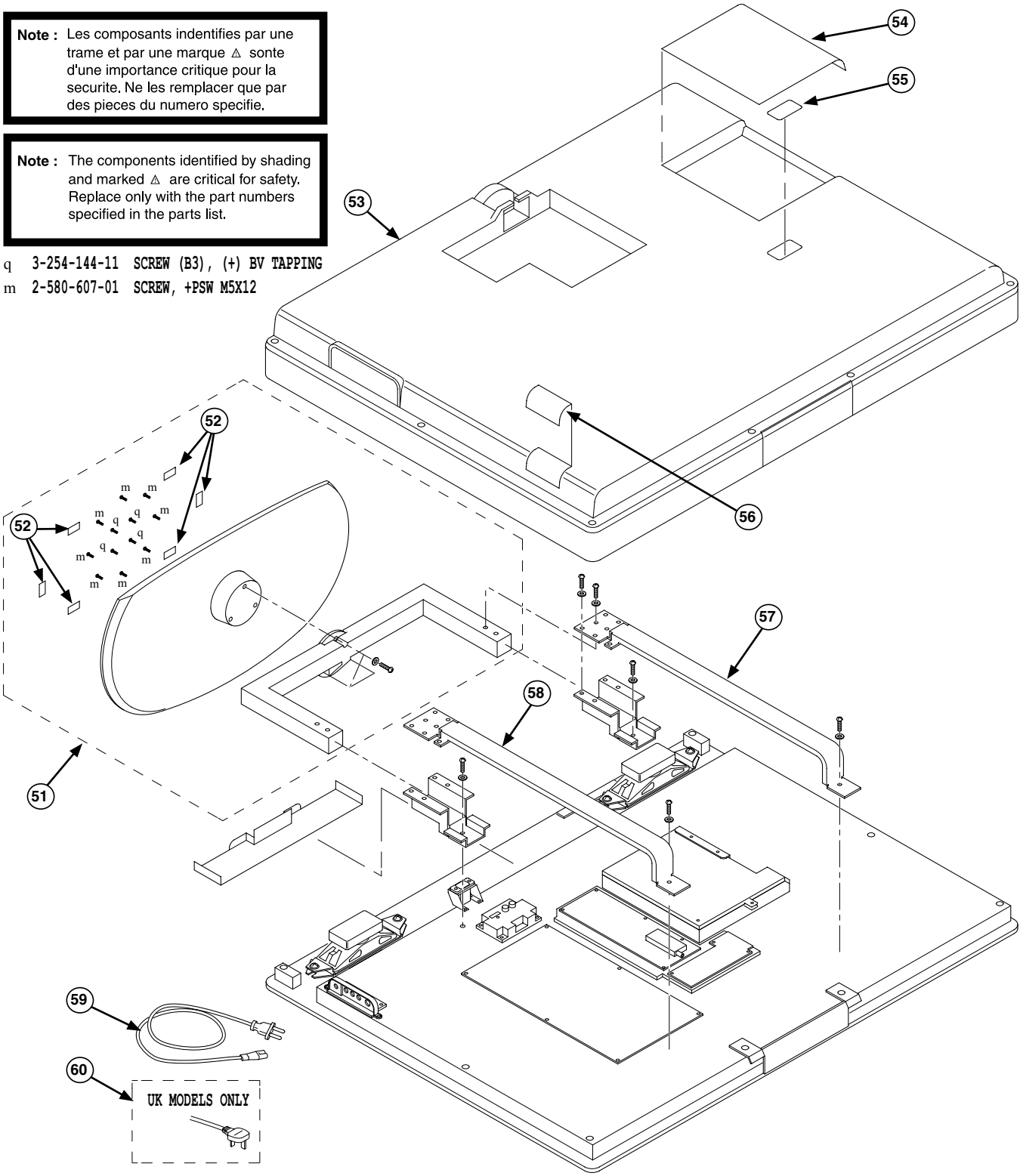
REF.NO.	PART.NO	DESCRIPTION	REMARK
15	*A-1147-506-A	A2E4 BOARD, COMPLETE (KDL-S40A12U/A11E)	
	*A-1147-507-A	A2E4 BOARD, COMPLETE (KLV-S40A10E)	
16	*A-1148-761-E	G3 BOARD, COMPLETE	
17	*X-2055-717-1	BRACKET SIDE ASSY (A D) (KDL-S40A12U/A11E)	
	*X-2055-718-1	BRACKET SIDE ASSY (A A) (KLV-S40A10E)	
18	*A-1128-516-A	GE2 BOARD, COMPLETE	
19	8-597-993-00	TUNER, FSS BTF-EF412Z	
20	*A-1122-473-D	N BOARD, COMPLETE (KDL-S40A12U)	
	*A-1142-596-B	N BOARD, COMPLETE (KDL-S40A11E)	
21	*A-1149-548-E	BE BOARD, COMPLETE	
22	*A-1147-503-A	H3 BOARD, COMPLETE	
23	*A-1128-518-B	H1E BOARD, COMPLETE	
24	X-2059-424-1	BUTTON, MULTI ASSY (32A)	

5-2. REAR COVER AND STAND

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

q 3-254-144-11 SCREW (B3), (+) BV TAPPING
m 2-580-607-01 SCREW, +PSW M5X12



REF.NO.		PART.NO	DESCRIPTION	REMARK
51		X-2050-187-2	STAND ASSY	52
52		2-590-249-01	FOOT	
53		2-638-279-13	CABINET (40), REAR	
54		2-639-180-12	COVER (40), JACK	
55		2-021-173-12	ECS COVER (20)	
56		*2-629-170-11	COVER SIDE	
57		2-639-179-02	BRACKET (40) R, VESA	
58		2-639-178-02	BRACKET (40) L, VESA	
59	⚠	1-830-611-21	POWER-SUPPLY CORD (KLV-S40A10E/ KDL-S40A11E)	
60	⚠	1-830-609-21	POWER-SUPPLY CORD (KDL-S40A12U)	

SECTION 6
ELECTRICAL PARTS LIST

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Note : Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

REF.NO.	PART.NO	DESCRIPTION	REMARK

***A-1128-518-B H1E Board, Complete**

	2-515-720-21	COVER, BUTTON(32)	
	4-908-792-41	SCREW (B2)	
		< CAPACITOR >	
C9801	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C9802	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
		< CONNECTOR >	
CN9802	1-778-507-21	PIN, CONNECTOR (PC BOARD) 4P	
		< DIODE >	
D9801	8-719-036-94	DIODE RD5.6SB-T1	
D9802	8-719-036-94	DIODE RD5.6SB-T1	
		< RESISTOR >	
R9801	1-216-864-11	SHORT CHIP 0	
R9802	1-218-837-11	METAL CHIP 390 0.5% 1/10W	
R9803	1-218-827-11	METAL CHIP 150 0.5% 1/10W	
R9804	1-218-865-11	METAL CHIP 5.6K 0.5% 1/10W	
R9805	1-216-864-11	SHORT CHIP 0	
R9806	1-218-839-11	METAL CHIP 470 0.5% 1/10W	
R9807	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R9808	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R9810	1-216-864-11	SHORT CHIP 0	
		< SWITCH >	
S9801	1-771-105-11	SWITCH, TACTILE	
S9802	1-771-105-11	SWITCH, TACTILE	
S9803	1-771-105-11	SWITCH, TACTILE	
S9804	1-771-105-11	SWITCH, TACTILE	
S9805	1-771-105-11	SWITCH, TACTILE	
S9806	1-771-105-11	SWITCH, TACTILE	
S9807	1-771-105-11	SWITCH, TACTILE	
S9808	1-771-105-11	SWITCH, TACTILE	
		< VARISTOR >	
VDR980	1-803-974-21	VARISTOR, CHIP	(1608)
VDR981	1-803-974-21	VARISTOR, CHIP	(1608)
VDR982	1-803-974-21	VARISTOR, CHIP	(1608)
VDR983	1-803-974-21	VARISTOR, CHIP	(1608)
VDR984	1-803-974-21	VARISTOR, CHIP	(1608)
VDR985	1-803-974-21	VARISTOR, CHIP	(1608)
VDR986	1-803-974-21	VARISTOR, CHIP	(1608)
VDR987	1-803-974-21	VARISTOR, CHIP	(1608)

REF.NO.	PART.NO	DESCRIPTION	REMARK

***A-1128-516-A GE2 Board, Complete**

	*2-637-727-01	SPACER	
		< CAPACITOR >	
C8801	1-137-894-21	ELECT CHIP 470UF	20% 25V
C8803	1-137-894-21	ELECT CHIP 470UF	20% 25V
C8805	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C8806	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8807	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C8808	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
C8814	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8819	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8823	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C8825	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C8826	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C8829	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8831	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8832	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C8837	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8838	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C8839	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C8840	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C8841	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
C8846	1-137-894-21	ELECT CHIP 470UF	20% 25V
C8850	1-137-894-21	ELECT CHIP 470UF	20% 25V
C8851	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8852	1-137-894-21	ELECT CHIP 470UF	20% 25V
C8853	1-137-894-21	ELECT CHIP 470UF	20% 25V
C8854	1-110-530-11	ELECT CHIP 1000UF	20% 6.3V
C8856	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8857	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C8858	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C8859	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C8860	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C8861	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C8862	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C8863	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8866	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
		< CONNECTOR >	
CN8800	1-794-519-21	PIN, CONNECTOR (PC BOARD) 14P	
CN8801	1-818-033-21	PIN, CONNECTOR (PC BOARD)	
CN8802	*1-764-094-21	PIN, CONNECTOR (PC BOARD) 9P	
		< DIODE >	
D8800	8-719-081-97	DIODE MMDL914T1	
D8803	8-719-073-34	DIODE EC21QS03L-TE12L	
D8805	8-719-073-34	DIODE EC21QS03L-TE12L	
D8806	8-719-069-55	DIODE UDZSTE-175.6B	

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.		PART.NO	DESCRIPTION			REMARK
D8812		8-719-073-34	DIODE EC21QS03L-TE12L			
D8813		8-719-073-34	DIODE EC21QS03L-TE12L			
D8814		8-719-069-55	DIODE UDZSTE-175.6B			
D8815		8-719-069-55	DIODE UDZSTE-175.6B			
D8816		8-719-073-34	DIODE EC21QS03L-TE12L			
			< FUSE >			
F8801	⚠	1-576-603-11	FUSE	3.15A	24V	
F8802	⚠	1-576-603-11	FUSE	3.15A	24V	
			< FERRITE BEAD >			
FB8800		1-469-775-21	FERRITE	0UH		
FB8802		1-469-775-21	FERRITE	0UH		
FB8803		1-469-775-21	FERRITE	0UH		
FB8804		1-469-775-21	FERRITE	0UH		
FB8805		1-469-775-21	FERRITE	0UH		
FB8806		1-469-775-21	FERRITE	0UH		
FB8808		1-469-775-21	FERRITE	0UH		
FB8810		1-469-775-21	FERRITE	0UH		
FB8811		1-469-775-21	FERRITE	0UH		
FB8812		1-469-775-21	FERRITE	0UH		
FB8813		1-469-775-21	FERRITE	0UH		
FB8814		1-469-775-21	FERRITE	0UH		
FB8816		1-469-775-21	FERRITE	0UH		
FB8817		1-469-775-21	FERRITE	0UH		
FB8818		1-469-775-21	FERRITE	0UH		
FB8819		1-469-775-21	FERRITE	0UH		
FB8820		1-469-775-21	FERRITE	0UH		
FB8821		1-469-775-21	FERRITE	0UH		
FB8823		1-469-775-21	FERRITE	0UH		
			< IC >			
IC8800		6-702-142-01	IC PQ1CY1032ZP			
IC8802		6-704-407-01	IC PQ1CZ41H2ZPH			
IC8803		6-705-468-01	IC BA33BC0FP-E2			
IC8805		6-702-142-01	IC PQ1CY1032ZP			
IC8806		8-759-460-79	IC BA09FP-E2			
IC8810		6-706-999-01	IC BA09CC0WFP-E2			
			< COIL >			
L8800		1-416-606-11	INDUCTOR	47UH		
L8801		1-409-556-11	INDUCTOR	47UH		
L8802		1-424-976-21	INDUCTOR	47UH		
L8804		1-416-606-11	INDUCTOR	47UH		
L8805		1-424-976-21	INDUCTOR	47UH		
L8808		1-424-976-21	INDUCTOR	47UH		
L8809		1-416-606-11	INDUCTOR	47UH		
L8810		1-456-786-21	INDUCTOR	47UH		
L8811		1-412-058-11	INDUCTOR	10UH		
L8812		1-412-058-11	INDUCTOR	10UH		
L8813		1-412-058-11	INDUCTOR	10UH		
L8814		1-412-058-11	INDUCTOR	10UH		
			< TRANSISTOR >			
Q8803		6-550-549-01	TRANSISTOR DTC114EUAFT106			
Q8804		8-729-422-33	TRANSISTOR 2SD601A-Q-TX			
Q8805		6-550-549-01	TRANSISTOR DTC114EUAFT106			
Q8806		8-729-422-33	TRANSISTOR 2SD601A-Q-TX			
			< RESISTOR >			
R8802		1-216-295-91	SHORT CHIP	0		
R8803		1-216-295-91	SHORT CHIP	0		
R8804		1-216-864-11	SHORT CHIP	0		
R8807		1-216-821-11	METAL CHIP	1K	5%	1/10W
R8808		1-216-295-91	SHORT CHIP	0		
R8816		1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R8818		1-216-841-11	METAL CHIP	47K	5%	1/10W
R8819		1-216-295-91	SHORT CHIP	0		
R8820		1-216-295-91	SHORT CHIP	0		
R8821		1-218-850-11	METAL CHIP	1.3K	0.5%	1/10W
R8825		1-218-850-11	METAL CHIP	1.3K	0.5%	1/10W
R8826		1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R8836		1-216-833-11	METAL CHIP	10K	5%	1/10W
R8837		1-216-833-11	METAL CHIP	10K	5%	1/10W
R8838		1-216-833-11	METAL CHIP	10K	5%	1/10W
R8840		1-216-833-11	METAL CHIP	10K	5%	1/10W
R8841		1-216-295-91	SHORT CHIP	0		
R8848		1-216-295-91	SHORT CHIP	0		
R8853		1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W
R8854		1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R8855		1-216-295-91	SHORT CHIP	0		
R8856		1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W
R8857		1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R8862		1-216-864-11	SHORT CHIP	0		
R8865		1-216-295-91	SHORT CHIP	0		
R8866		1-216-295-91	SHORT CHIP	0		
R8867		1-216-295-91	SHORT CHIP	0		
R8868		1-216-295-91	SHORT CHIP	0		
R8869		1-216-295-91	SHORT CHIP	0		

***A-1148-761-E G3 Board, Complete**

		4-382-854-11	SCREW (M3X10), P, SW (+)			
			< CAPACITOR >			
C6002	⚠	1-165-531-11	MYLAR	1UF	10	275V
C6004	⚠	1-165-529-31	MYLAR	0.22UF	10	0V
C6005	⚠	1-119-886-51	CERAMIC	470PF	10.00%	250V
C6006	⚠	1-119-886-51	CERAMIC	470PF	10.00%	250V
C6102		1-104-760-11	CERAMIC CHIP	0.047UF	10.00%	50V

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

G3

REF.NO.		PART.NO	DESCRIPTION	REMARK
C6103	⚠	1-115-350-51	CERAMIC 0.0047UF	2KV
C6104	⚠	1-115-350-51	CERAMIC 0.0047UF	2KV
C6106		1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C6107		1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C6108	⚠	1-115-350-51	CERAMIC 0.0047UF	2KV
C6109	⚠	1-115-350-51	CERAMIC 0.0047UF	2KV
C6110	⚠	1-165-531-11	MYLAR 1UF	10 275V
C6113		1-112-024-21	MYLAR 1UF	10% 450V
C6114		1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C6115		1-112-188-11	MYLAR 1.5UF	5% 450V
C6116		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6117		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6118		1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C6119		1-119-886-51	CERAMIC 470PF	10.00% 250V
C6120		1-128-526-11	ELECT 100UF	20% 25V
C6121		1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C6122		1-107-889-11	ELECT 220UF	20% 25V
C6123		1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C6124		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6125		1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C6126		1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C6127		1-104-760-11	CERAMIC CHIP 0.047UF	10.00% 50V
C6128		1-100-613-81	CERAMIC 470PF	5% 1KV
C6129		1-100-613-81	CERAMIC 470PF	5% 1KV
C6130		1-163-145-00	CERAMIC CHIP 0.0015UF	5.00% 50V
C6131		1-100-613-81	CERAMIC 470PF	5% 1KV
C6132		1-100-613-81	CERAMIC 470PF	5% 1KV
C6133		1-135-361-11	ELECT 180UF	20% 450V
C6134		1-135-361-11	ELECT 180UF	20% 450V
C6135		1-135-361-11	ELECT 180UF	20% 450V
C6136		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6137		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6139		1-107-903-11	ELECT 2.2UF	20% 50V
C6140		1-112-188-11	MYLAR 1.5UF	5% 450V
C6141		1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
C6300	⚠	1-115-350-51	CERAMIC 0.0047UF	2KV
C6301	⚠	1-115-350-51	CERAMIC 0.0047UF	2KV
C6304		1-107-680-91	ELECT 22UF	20.00% 450V
C6305		1-107-974-11	CERAMIC 47PF	5.00% 2KV
C6306		1-107-905-11	ELECT 4.7UF	20% 50V
C6307		1-102-228-00	CERAMIC 470PF	10.00% 500V
C6308		1-107-903-11	ELECT 2.2UF	20% 50V
C6309		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6312		1-107-910-11	ELECT 100UF	20% 50V
C6313		1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6314		1-119-886-51	CERAMIC 470PF	10.00% 250V
C6316		1-128-949-31	ELECT 470UF	20% 16V
C6317		1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6318		1-128-526-11	ELECT 100UF	20% 25V
C6320		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6321		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6400		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6401		1-104-653-11	ELECT 220UF	20% 16V
C6403		1-107-902-11	ELECT 1UF	20% 50V
C6404		1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C6420		1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C6421		1-107-906-11	ELECT 10UF	20% 50V
C6422		1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C6423		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6424		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6425		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6426		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6427		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6428		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6429		1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C6430		1-107-905-11	ELECT 4.7UF	20% 50V
C6431		1-107-888-11	ELECT 47UF	20% 25V
C6432		1-107-905-11	ELECT 4.7UF	20% 50V
C6433		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6434		1-107-902-11	ELECT 1UF	20% 50V
C6435		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6436		1-107-910-11	ELECT 100UF	20% 50V
C6437		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6439		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6472		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6500		1-112-744-51	CERAMIC CHIP 1.0MF	450V
C6501		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6502		1-107-905-11	ELECT 4.7UF	20% 50V
C6503		1-107-909-11	ELECT 47UF	20% 50V
C6504		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6505		1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C6506		1-107-906-11	ELECT 10UF	20% 50V
C6508		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6509		1-136-169-00	FILM 0.22UF	5.00% 50V
C6510		1-107-888-11	ELECT 47UF	20% 25V
C6511		1-107-824-11	CERAMIC 220PF	5.00% 1KV
C6512		1-107-824-11	CERAMIC 220PF	5.00% 1KV
C6513		1-165-953-11	FILM 47000PF	3% 800V
C6600		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6602		1-131-969-11	ELECT 1800UF	20% 25V
C6603		1-131-969-11	ELECT 1800UF	20% 25V
C6604		1-131-969-11	ELECT 1800UF	20% 25V
C6607		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6608		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6609		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6610		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6700		1-112-745-51	CERAMIC CHIP 0.47MF	450V
C6701		1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C6702		1-107-905-11	ELECT 4.7UF	20% 50V
C6704		1-107-909-11	ELECT 47UF	20% 50V

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

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REF.NO.		PART.NO	DESCRIPTION	REMARK
C6705		1-100-831-91	CERAMIC CHIP 0.001UF 2% 50V	
C6706		1-107-906-11	ELECT 10UF 20% 50V	
C6707		1-115-339-11	CERAMIC CHIP 0.1UF 10.00% 50V	
C6708		1-162-964-11	CERAMIC CHIP 0.001UF 10.00% 50V	
C6709		1-136-169-00	FILM 0.22UF 5.00% 50V	
C6710		1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V	
C6713		1-107-888-11	ELECT 47UF 20% 25V	
C6714		1-107-910-11	ELECT 100UF 20% 50V	
C6715		1-107-824-11	CERAMIC 220PF 5.00% 1KV	
C6716		1-107-824-11	CERAMIC 220PF 5.00% 1KV	
C6717		1-100-919-11	FILM 0.027UF 3% 1KV	
C6800		1-126-967-11	ELECT 47UF 20.00% 50V	
C6801		1-128-582-11	ELECT 10UF 20.00% 100V	
C6802		1-165-176-11	CERAMIC CHIP 0.047UF 10.00% 16V	
C6803		1-128-959-31	ELECT 1000UF 20% 35V	
C6805		1-131-970-11	ELECT 1500UF 20% 25V	
C6806		1-128-951-31	ELECT 2200UF 20% 16V	
C6809		1-107-928-11	ELECT 4.7UF 20% 100V	
C6811		1-162-964-11	CERAMIC CHIP 0.001UF 10.00% 50V	
			< CONNECTOR >	
CN6001	⚠	*1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P	
CN6200		1-794-519-21	PIN, CONNECTOR (PC BOARD) 14P	
CN6201		*1-564-508-11	PLUG, CONNECTOR 5P	
CN6202		1-816-296-21	PIN, CONNECTOR (PC BOARD) 9P	
CN6204		1-779-992-11	PIN, CONNECTOR (PWB) 8P	
			< DIODE >	
D6001		8-719-081-97	DIODE MMDL914T1	
D6100	⚠	8-719-304-63	DIODE RM11C	
D6102		8-719-081-97	DIODE MMDL914T1	
D6103		8-719-978-33	DIODE DTZ-TT11-6.8B	
D6104		8-719-054-89	DIODE D15XB60	
D6105		8-719-081-97	DIODE MMDL914T1	
D6106		6-500-137-01	DIODE BAT54HT1	
D6107	⚠	8-719-304-63	DIODE RM11C	
D6108		6-500-254-01	DIODE MM3Z7V5T1	
D6109		6-500-137-01	DIODE BAT54HT1	
D6110		6-500-137-01	DIODE BAT54HT1	
D6111		8-719-041-97	DIODE MA113-(TX)	
D6112		8-719-041-97	DIODE MA113-(TX)	
D6113		6-501-043-01	DIODE UMZ16NT106	
D6114		6-501-043-01	DIODE UMZ16NT106	
D6115		6-501-043-01	DIODE UMZ16NT106	
D6117		8-719-304-63	DIODE RM11C	
D6118		6-500-407-01	DIODE SF20L60U-4015	
D6121		8-719-041-97	DIODE MA113-(TX)	
D6122	⚠	6-500-849-01	DIODE ERA22-08KFLB	
D6123	⚠	6-500-849-01	DIODE ERA22-08KFLB	
D6300		8-719-077-76	DIODE D2SB60A-F04	
D6301		8-719-948-45	DIODE ERA22-08	
D6302		8-719-069-55	DIODE UDZSTE-175.6B	
D6401		8-719-081-97	DIODE MMDL914T1	
D6420		8-719-081-97	DIODE MMDL914T1	
D6421		8-719-059-51	DIODE MA3J142E0LSO	
D6422		8-719-083-63	DIODE UDZSTE-1713B	
D6423		8-719-081-97	DIODE MMDL914T1	
D6474		8-719-082-04	DIODE MM3Z22VT1	
D6475		8-719-081-97	DIODE MMDL914T1	
D6500		8-719-082-03	DIODE MM3Z15VT1	
D6501		8-719-082-03	DIODE MM3Z15VT1	
D6502		8-719-082-03	DIODE MM3Z15VT1	
D6503		8-719-979-64	DIODE UF4005/23	
D6504		6-501-043-01	DIODE UMZ16NT106	
D6505		6-501-043-01	DIODE UMZ16NT106	
D6506		8-719-080-69	DIODE M1FS4-4063	
D6507		8-719-080-69	DIODE M1FS4-4063	
D6508		8-719-082-03	DIODE MM3Z15VT1	
D6509		8-719-080-69	DIODE M1FS4-4063	
D6600		6-501-319-01	DIODE FCQ10A06	
D6601		6-501-319-01	DIODE FCQ10A06	
D6602		6-501-319-01	DIODE FCQ10A06	
D6603		6-501-319-01	DIODE FCQ10A06	
D6604		8-719-079-29	DIODE PTZ-TE25-22B	
D6700		8-719-081-97	DIODE MMDL914T1	
D6701		8-719-082-03	DIODE MM3Z15VT1	
D6702		8-719-082-03	DIODE MM3Z15VT1	
D6703		8-719-081-97	DIODE MMDL914T1	
D6704		8-719-082-03	DIODE MM3Z15VT1	
D6705		8-719-979-64	DIODE UF4005/23	
D6706		6-501-043-01	DIODE UMZ16NT106	
D6707		6-501-043-01	DIODE UMZ16NT106	
D6709		6-500-567-31	DIODE 10ERB20-TB3	
D6710		8-719-080-69	DIODE M1FS4-4063	
D6711		8-719-080-69	DIODE M1FS4-4063	
D6712		8-719-082-03	DIODE MM3Z15VT1	
D6713		8-719-080-69	DIODE M1FS4-4063	
D6800		8-719-041-97	DIODE MA113-(TX)	
D6803		8-719-063-73	DIODE D1NL20U-TR	
D6804		6-500-747-01	DIODE SBQF04A06	
D6805		8-719-063-73	DIODE D1NL20U-TR	
D6806		6-501-319-01	DIODE FCQ10A06	
D6807		6-501-319-01	DIODE FCQ10A06	
D6903		6-500-567-31	DIODE 10ERB20-TB3	
D6904		8-719-032-12	DIODE D1NS6	
D6905		6-500-567-31	DIODE 10ERB20-TB3	
D6911		8-719-081-97	DIODE MMDL914T1	
D6912	⚠	8-719-948-45	DIODE ERA22-08	

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

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REF.NO.		PART.NO	DESCRIPTION	REMARK
			< FUSE >	
F6001	⚠	1-576-233-51	FUSE	6.3A 250V
FH6001	⚠	1-533-223-11	FUSE HOLDER	
FH6002	⚠	1-533-223-11	FUSE HOLDER	
			< FERRITE BEAD >	
FB6500		1-410-397-21	FERRITE 1.1UH	
FB6501		1-410-397-21	FERRITE 1.1UH	
			< IC >	
IC6100		6-703-132-01	IC UC3854BN	
IC6101		8-759-682-42	IC MM1431ATT	
IC6300		6-600-279-01	IC STR-A6169	
IC6301		8-759-682-42	IC MM1431ATT	
IC6420		8-759-058-50	IC XRA10324AF	
IC6421		6-704-924-01	IC PQ12DZ5UJ00H	
IC6422		8-759-682-42	IC MM1431ATT	
IC6500		6-706-852-01	IC CXD9841M	
IC6600		8-759-682-42	IC MM1431ATT	
IC6700		6-706-852-01	IC CXD9841M	
IC6800		8-759-682-42	IC MM1431ATT	
			< COIL >	
L6002	⚠	1-456-856-21	LINE FILTER COIL	
L6003	⚠	1-456-856-21	LINE FILTER COIL	
L6101		1-456-917-11	INDUCTOR 170UH	
L6102		1-456-854-11	INDUCTOR 58UH	
L6104		1-456-854-11	INDUCTOR 58UH	
L6300		1-412-525-31	INDUCTOR 10UH	
L6500		1-406-665-11	INDUCTOR 100UH	
L6601		1-406-971-21	INDUCTOR 10UH	
L6602		1-406-971-21	INDUCTOR 10UH	
L6603		1-406-971-21	INDUCTOR 10UH	
L6700		1-406-667-11	INDUCTOR 220UH	
L6800		1-406-971-21	INDUCTOR 10UH	
L6801		1-406-971-21	INDUCTOR 10UH	
			< PHOTOCOUPLER >	
PH6000	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
PH6300	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
PH6420	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
PH6421	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
PH6474	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
PH6500	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
PH6700	⚠	6-600-187-01	PHOTO COUPLER PC123Y22J00F	
			< TRANSISTOR >	
Q6101		8-729-907-00	TRANSISTOR DTC114EU	
Q6102		8-729-820-86	TRANSISTOR 2SB1121-ST	
Q6103		8-729-905-35	TRANSISTOR 2SC4081-R	
Q6104		8-729-807-17	TRANSISTOR 2SD1621-S	
Q6105		6-550-372-01	TRANSISTOR SPA20N60C3E8152	
Q6106		6-550-372-01	TRANSISTOR SPA20N60C3E8152	
Q6107		6-550-372-01	TRANSISTOR SPA20N60C3E8152	
Q6400		8-729-023-22	TRANSISTOR 2SD2114K	
Q6403		8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q6404		8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6420		8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q6421		8-729-905-35	TRANSISTOR 2SC4081-R	
Q6422		8-729-905-35	TRANSISTOR 2SC4081-R	
Q6423		8-729-905-35	TRANSISTOR 2SC4081-R	
Q6424		8-729-905-35	TRANSISTOR 2SC4081-R	
Q6425		8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q6426		8-729-907-00	TRANSISTOR DTC114EU	
Q6427		8-729-905-35	TRANSISTOR 2SC4081-R	
Q6428		8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q6429		8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q6430		8-729-804-41	TRANSISTOR 2SB1122-S	
Q6431		8-729-907-00	TRANSISTOR DTC114EU	
Q6500		6-550-526-11	TRANSISTOR 2SK2842(LBS2SONY)	
Q6501		6-550-526-11	TRANSISTOR 2SK2842(LBS2SONY)	
Q6700		6-550-526-11	TRANSISTOR 2SK2842(LBS2SONY)	
Q6701		6-550-526-11	TRANSISTOR 2SK2842(LBS2SONY)	
			< RESISTOR >	
R6001	⚠	1-247-289-00	METAL 8.2M 5% 1W	
R6002	⚠	1-219-759-11	METAL 1M 5% 1/2W	
R6003		1-216-789-11	METAL CHIP 2.2 5% 1/10W	
R6004	⚠	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R6007	⚠	1-219-759-11	METAL 1M 5% 1/2W	
R6014		1-215-859-00	METAL OXIDE 22 5% 1W	
R6016		1-243-681-71	METAL OXIDE 33 5% 1W	
R6101		1-216-857-11	METAL CHIP 1M 5% 1/10W	
R6103		1-218-903-11	METAL CHIP 220K 0.5% 1/10W	
R6104		1-245-474-21	METAL 330K 1% 1/4W	
R6105		1-245-474-21	METAL 330K 1% 1/4W	
R6106		1-208-830-11	METAL CHIP 100K 0.5% 1/10W	
R6107		1-245-474-21	METAL 330K 1% 1/4W	
R6108		1-245-474-21	METAL 330K 1% 1/4W	
R6109		1-208-830-11	METAL CHIP 100K 0.5% 1/10W	
R6110		1-218-895-11	METAL CHIP 100K 0.5% 1/10W	
R6111		1-218-877-11	METAL CHIP 18K 0.5% 1/10W	
R6112		1-245-474-21	METAL 330K 1% 1/4W	
R6113		1-245-474-21	METAL 330K 1% 1/4W	
R6114		1-208-830-11	METAL CHIP 100K 0.5% 1/10W	
R6115		1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
R6116		1-218-845-11	METAL CHIP 820 0.5% 1/10W	
R6117		1-216-835-11	METAL CHIP 15K 5% 1/10W	

REF.NO.	PART.NO	DESCRIPTION			REMARK
R6118	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R6119	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6120	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6122	1-243-665-11	METAL	0.05	5%	5W
R6123	1-243-665-11	METAL	0.05	5%	5W
R6124	1-249-397-11	CARBON	22	5%	1/4W
R6125	1-216-797-11	METAL CHIP	10	5%	1/10W
R6126	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6127	1-249-397-11	CARBON	22	5%	1/4W
R6128	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6129	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6130	1-216-797-11	METAL CHIP	10	5%	1/10W
R6131	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6132	1-249-393-11	CARBON	10	5%	1/4W
R6133	1-249-401-11	CARBON	47	5%	1/4W
R6134	1-249-393-11	CARBON	10	5%	1/4W
R6135	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6136	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6137	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6138	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6139	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6140	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6141	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6142	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6143	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6144	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6145	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6146	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6147	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6148	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6149	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6150	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6151	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R6152	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W
R6153	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R6154	1-216-835-11	METAL CHIP	15K	5%	1/10W
R6155	1-215-882-00	METAL OXIDE	22	5%	2W
R6156	1-215-882-00	METAL OXIDE	22	5%	2W
R6157	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6158	1-216-797-11	METAL CHIP	10	5%	1/10W
R6159	1-249-397-11	CARBON	22	5%	1/4W
R6160	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6161	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6162	1-216-842-11	METAL CHIP	56K	5%	1/10W
R6167	1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6168	1-208-832-11	METAL CHIP	120K	0.5%	1/10W
R6169	1-208-832-11	METAL CHIP	120K	0.5%	1/10W
R6170	1-208-832-11	METAL CHIP	120K	0.5%	1/10W
R6300	1-216-353-00	METAL OXIDE	2.2	5%	1W
R6301	1-249-381-11	CARBON	1	5%	1/4W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R6302	1-260-129-11	CARBON	330K	5%	1/2W
R6303	1-216-864-11	SHORT CHIP	0		
R6304	1-249-393-11	CARBON	10	5%	1/4W
R6305	1-249-385-11	CARBON	2.2	5%	1/4W
R6306	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6307	1-216-817-11	METAL CHIP	470	5%	1/10W
R6308	1-216-809-11	METAL CHIP	100	5%	1/10W
R6309	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6310	1-216-864-11	SHORT CHIP	0		
R6311	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6401	1-216-835-11	METAL CHIP	15K	5%	1/10W
R6402	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6404	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6405	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6412	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6413	1-216-864-11	SHORT CHIP	0		
R6421	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6422	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6423	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6424	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6425	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6426	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6427	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6428	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6429	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6430	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6431	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6432	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6433	1-216-835-11	METAL CHIP	15K	5%	1/10W
R6434	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6435	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6436	1-216-847-11	METAL CHIP	150K	5%	1/10W
R6437	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6438	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6439	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6440	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6441	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6442	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6443	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6444	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6445	1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6446	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6447	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6448	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6449	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6450	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6451	1-216-797-11	METAL CHIP	10	5%	1/10W
R6452	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6453	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.		PART.NO	DESCRIPTION			REMARK
R6454		1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6455		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6456		1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R6457		1-218-831-11	METAL CHIP	220	0.5%	1/10W
R6458		1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6459		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6460		1-216-841-11	METAL CHIP	47K	5%	1/10W
R6461		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6462		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6463		1-216-841-11	METAL CHIP	47K	5%	1/10W
R6464		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6465		1-249-393-11	CARBON	10	5%	1/4W
R6466		1-216-837-11	METAL CHIP	22K	5%	1/10W
R6467		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6468		1-216-817-11	METAL CHIP	470	5%	1/10W
R6469		1-216-817-11	METAL CHIP	470	5%	1/10W
R6470		1-216-864-11	SHORT CHIP	0		
R6474		1-216-864-11	SHORT CHIP	0		
R6475		1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6476		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6477		1-216-837-11	METAL CHIP	22K	5%	1/10W
R6480		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6481		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6500		1-249-393-11	CARBON	10	5%	1/4W
R6501	⚠	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R6502		1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6503		1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6504		1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6505		1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6506		1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6507		1-218-760-11	METAL CHIP	220K	0.5%	1/10W
R6508		1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6509		1-218-854-11	METAL CHIP	2K	0.5%	1/10W
R6510		1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R6513		1-211-990-11	METAL CHIP	75	0.5%	1/10W
R6514	⚠	1-212-865-00	FUSIBLE	22	5%	1/4W
R6515	⚠	1-212-865-00	FUSIBLE	22	5%	1/4W
R6516		1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6517		1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R6518		1-219-759-11	METAL	1M	5%	1/2W
R6519		1-219-759-11	METAL	1M	5%	1/2W
R6520		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6521		1-216-361-00	METAL OXIDE	0.22	5%	2W
R6522		1-216-864-11	SHORT CHIP	0		
R6523		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6524		1-216-361-00	METAL OXIDE	0.22	5%	2W
R6600		1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R6601		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6602		1-216-864-11	SHORT CHIP	0		
R6603		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6604		1-216-813-11	METAL CHIP	220	5%	1/10W
R6605		1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W
R6607		1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R6610		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6611		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6700		1-249-393-11	CARBON	10	5%	1/4W
R6701	⚠	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R6702		1-218-868-11	METAL CHIP	7.5K	0.5%	1/10W
R6703		1-208-840-11	METAL CHIP	270K	0.5%	1/10W
R6704		1-208-840-11	METAL CHIP	270K	0.5%	1/10W
R6705		1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R6706		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6707		1-218-823-11	METAL CHIP	100	0.5%	1/10W
R6709	⚠	1-212-865-00	FUSIBLE	22	5%	1/4W
R6710		1-249-393-11	CARBON	10	5%	1/4W
R6711	⚠	1-212-865-00	FUSIBLE	22	5%	1/4W
R6712		1-218-827-11	METAL CHIP	150	0.5%	1/10W
R6713		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6714		1-216-833-11	METAL CHIP	10K	5%	1/10W
R6716		1-249-393-11	CARBON	10	5%	1/4W
R6717		1-216-361-00	METAL OXIDE	0.22	5%	2W
R6718		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6720		1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6721		1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6722		1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6723		1-208-830-11	METAL CHIP	100K	0.5%	1/10W
R6802		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6803		1-249-377-11	CARBON	0.47	5%	1/4W
R6804		1-216-864-11	SHORT CHIP	0		
R6806		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6807		1-216-864-11	SHORT CHIP	0		
R6808		1-216-864-11	SHORT CHIP	0		
R6809		1-216-864-11	SHORT CHIP	0		
R6810		1-216-864-11	SHORT CHIP	0		
R6811		1-249-393-11	CARBON	10	5%	1/4W
R6812		1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6813		1-216-821-11	METAL CHIP	1K	5%	1/10W
R6817		1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R6818		1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R6819		1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R6820		1-216-841-11	METAL CHIP	47K	5%	1/10W
R6821		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6822		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6823		1-216-857-11	METAL CHIP	1M	5%	1/10W
R6838	⚠	1-247-752-11	CARBON	1K	5%	1/2W
R6839	⚠	1-240-251-11	CEMENTED	6.8	5%	10W
R6840		1-216-833-11	METAL CHIP	10K	5%	1/10W

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.		PART.NO	DESCRIPTION	REMARK
			< RESISTOR VARIABLE >	
RV6100		1-227-703-91	RES, CERMET VAR 1K	
			< RELAY >	
RY6002	⚠	1-755-418-12	RELAY (AC POWER)	
RY6004	⚠	1-755-418-12	RELAY (AC POWER)	
			< TRANSFORMER >	
T6100	⚠	1-443-463-11	CONVERTER TRANSFORMER (PIT)	
T6101	⚠	1-443-463-11	CONVERTER TRANSFORMER (PIT)	
T6300	⚠	1-443-313-21	TRANSFORMER, CONVERTER (SBT)	
T6700	⚠	1-443-819-11	CONVERTER TRANSFORMER (PIT)	
			< THERMISTOR >	
TH6300		1-803-586-11	THERMISTOR, NTC	
TH6420		1-809-789-71	THERMISTOR, POSITIVE	
			< VARISTOR >	
VD6001	⚠	1-805-479-21	VARISTOR	
VD6002	⚠	1-805-479-21	VARISTOR	

*A-1147-502-A H2 Board, Complete

			< CAPACITOR >	
C9041		1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C9048		1-164-505-11	CERAMIC CHIP 2.2UF	16V
C9049		1-164-505-11	CERAMIC CHIP 2.2UF	16V
C9050		1-164-505-11	CERAMIC CHIP 2.2UF	16V
C9077		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9078		1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C9079		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9080		1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C9081		1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C9082		1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C9851		1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C9852		1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9853		1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C9854		1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
			< CONNECTOR >	
CN9851		1-573-290-21	PIN, CONNECTOR (1.5MM) (SMD) 4P	
			< DIODE >	
D9035		8-719-977-28	DIODE DTZ10B	
D9036		8-719-977-28	DIODE DTZ10B	
D9037		8-719-977-28	DIODE DTZ10B	
D9038		8-719-977-28	DIODE DTZ10B	
D9058		8-719-977-28	DIODE DTZ10B	
D9059		8-719-977-28	DIODE DTZ10B	
			< SOCKET >	
J9006		1-780-244-11	TERMINAL BLOCK, S(RIGHT ANGLE)	
J9852		1-568-267-11	JACK	
			< RESISTOR >	
R9103		1-216-811-11	METAL CHIP 150 5% 1/10W	
R9104		1-218-285-11	METAL CHIP 75 5% 1/10W	
R9105		1-216-811-11	METAL CHIP 150 5% 1/10W	
R9108		1-216-811-11	METAL CHIP 150 5% 1/10W	
R9109		1-216-811-11	METAL CHIP 150 5% 1/10W	
R9112		1-216-809-11	METAL CHIP 100 5% 1/10W	
R9113		1-216-809-11	METAL CHIP 100 5% 1/10W	
R9114		1-216-809-11	METAL CHIP 100 5% 1/10W	
R9116		1-216-864-11	SHORT CHIP 0	
R9136		1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9137		1-216-821-11	METAL CHIP 1K 5% 1/10W	
R9138		1-216-853-11	METAL CHIP 470K 5% 1/10W	
R9139		1-216-821-11	METAL CHIP 1K 5% 1/10W	
R9142		1-216-864-11	SHORT CHIP 0	
R9851		1-216-797-11	METAL CHIP 10 5% 1/10W	
R9852		1-216-797-11	METAL CHIP 10 5% 1/10W	
			< VARISTOR >	
VD9022		1-803-974-21	VARISTOR, CHIP	(1608)
VD9023		1-803-974-21	VARISTOR, CHIP	(1608)
VD9024		1-803-974-21	VARISTOR, CHIP	(1608)
VD9058		1-803-974-21	VARISTOR, CHIP	(1608)
VD9059		1-803-974-21	VARISTOR, CHIP	(1608)
VD9851		1-803-974-21	VARISTOR, CHIP	(1608)
VD9852		1-801-925-21	VARISTOR, CHIP	(1608)
VD9853		1-801-925-21	VARISTOR, CHIP	(1608)

*A-1147-503-A H3 Board, Complete

			< CAPACITOR >	
C9902		1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C9903		1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C9904		1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9905		1-119-667-11	CERAMIC CHIP 22UF	10V
C9907		1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
			< CONNECTOR >	
CN9901		1-784-254-11	CONNECTOR 10P	
			< DIODE >	
D9903		6-500-861-01	DIODE SML-020MVT-T86	
D9906		6-500-861-01	DIODE SML-020MVT-T86	
D9909		8-719-036-94	DIODE RD5.6SB-T1	
D9912		8-719-064-07	DIODE SML-310LTT86	

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< IC >	
IC9901	6-600-271-01	IC RPM7140-H8	
IC9902	6-600-418-01	IC TPS851(A.SONY)	
		< TRANSISTOR >	
Q9902	8-729-907-00	TRANSISTOR DTC114EU	
Q9903	8-729-907-00	TRANSISTOR DTC114EU	
Q9904	8-729-907-00	TRANSISTOR DTC114EU	
Q9905	8-729-907-00	TRANSISTOR DTC114EU	
Q9906	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q9907	8-729-907-00	TRANSISTOR DTC114EU	
		< RESISTOR >	
R9902	1-216-818-11	METAL CHIP 560 5% 1/10W	
R9903	1-216-817-11	METAL CHIP 470 5% 1/10W	
R9904	1-216-818-11	METAL CHIP 560 5% 1/10W	
R9906	1-216-823-11	METAL CHIP 1.5K 5% 1/10W	
R9907	1-216-817-11	METAL CHIP 470 5% 1/10W	
R9908	1-216-805-11	METAL CHIP 47 5% 1/10W	
R9910	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R9911	1-216-839-11	METAL CHIP 33K 5% 1/10W	
R9912	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R9914	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R9915	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R9916	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	
R9917	1-216-817-11	METAL CHIP 470 5% 1/10W	
R9918	1-216-864-11	SHORT CHIP 0	

***A-1147-506-A A2E4 Board, Complete (KDL-S40A11E & KDL-S40A12U)**
***A-1147-507-A A2E4 Board, Complete (KLV-S40A10E)**

A2E4 Board, Common Parts

	2-589-377-01	SHEET BB, RADIATION	
		< CAPACITOR >	
C2500	1-131-661-21	ELECT CHIP 100UF	20% 10V
C2501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2502	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2504	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2506	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2507	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2509	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C2510	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C2511	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2516	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2517	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C2518	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V
C2519	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2520	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2521	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2522	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2523	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2524	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2526	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2527	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2528	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2529	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C2530	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2531	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2532	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2533	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2534	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2535	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2537	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2543	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2550	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2551	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2552	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2553	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2554	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2555	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2558	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2559	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2560	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C2591	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C2592	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2608	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2609	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2610	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2611	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C2612	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2613	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C6018	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C6019	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C7800	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7802	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7803	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7804	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C7810	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C7812	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7813	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C7815	1-165-870-21	ELECT CHIP 100UF	20.00% 6.3V
C7817	1-163-005-91	CERAMIC CHIP 470PF	10.00% 50V
C7818	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7819	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7821	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C7822	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C7823	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C7825	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V
C7826	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7827	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7828	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7829	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7833	1-162-906-11	CERAMIC CHIP 1.5PF	0.25PF 50V
C7834	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C7835	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C7836	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C7838	1-165-870-21	ELECT CHIP 100UF	20.00% 6.3V
C7839	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7840	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7841	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7842	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7843	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7844	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7845	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C7846	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7847	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7849	1-162-928-11	CERAMIC CHIP 120PF	5.00% 50V
C7850	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7851	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C7852	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C7853	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C7854	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7855	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7856	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7857	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7858	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7859	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7860	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7861	1-126-401-21	ELECT CHIP 1UF	20.00% 50V
C7864	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7865	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7868	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C7869	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7870	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7871	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7872	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7873	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7874	1-128-528-11	ELECT 470UF	20% 25V
C7875	1-128-360-11	ELECT CHIP 220UF	20.00% 10V
C7876	1-126-394-11	ELECT CHIP 10UF	20.00% 16V
C7877	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7878	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C7879	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V
C7880	1-162-919-11	CERAMIC CHIP 22PF	5.00% 50V
C7881	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7882	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7883	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7884	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7885	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7886	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7887	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7888	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7889	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7890	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7891	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7892	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7893	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7894	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7895	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C7896	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C7897	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7898	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7899	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7900	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7901	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C7902	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C7903	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7904	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C7905	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7906	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7907	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7908	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7909	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7912	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C7913	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7914	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7917	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7918	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7919	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7920	1-164-230-11	CERAMIC CHIP 220PF	5.00% 50V
C7921	1-100-591-91	CERAMIC CHIP 1UF	10% 25V
C7922	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C7927	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7928	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7929	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C7930	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C7931	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7932	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C7933	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7934	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7935	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7936	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7937	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7938	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C7962	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C8426	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C8427	1-107-905-11	ELECT 4.7UF	20% 50V
C8429	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C8430	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C8431	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C8432	1-126-402-11	ELECT CHIP 2.2UF	20.00% 50V
C8433	1-126-404-11	ELECT CHIP 4.7UF	20.00% 50V
C8501	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C8502	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C8536	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C8606	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8608	1-127-760-11	CERAMIC CHIP 4.7UF	10% 6.3V
C8609	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8700	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C8701	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C9500	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9502	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9504	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9506	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C9508	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C9509	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C9510	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C9511	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C9512	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9513	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9514	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9515	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9520	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9521	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9522	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9523	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C9524	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9539	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9540	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9541	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C9542	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9543	1-128-992-21	ELECT CHIP 47UF	20% 25V
C9559	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9560	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9561	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V
C9562	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9563	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9564	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C9565	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9566	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C9567	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9568	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9569	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9570	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C9573	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C9575	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C9576	1-126-964-11	ELECT 10UF	20.00% 50V
C9578	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V
C9579	1-162-925-11	CERAMIC CHIP 68PF	5.00% 50V
C9581	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9583	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9586	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9587	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9588	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9589	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C9590	1-165-870-21	ELECT CHIP 100UF	20% 6.3V
C9591	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C9592	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
C9593	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9594	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9596	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9597	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9598	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9600	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9601	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9602	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9603	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C9605	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9606	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C9607	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9608	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9609	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C9610	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C9614	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9615	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9616	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9617	1-127-861-11	CERAMIC CHIP 2.2UF	10% 16V
C9620	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9621	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9622	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9623	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9624	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C9634	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C9641	1-125-889-91	CERAMIC CHIP 2.2UF	10% 10V
C9672	1-100-165-21	ELECT CHIP 47UF	20% 20V

< CONNECTOR >

CN7801	1-573-290-21	PIN, CONNECTOR (1.5MM) (SMD) 4P
CN7802	*1-764-250-11	PIN, CONNECTOR (PC BOARD) 4P
CN8530	*1-819-390-21	FFC/FPC CONNECTOR (ZIF) 49P
CN8602	*1-573-768-21	PIN, CONNECTOR (1.5MM) (SMD) 5P
CN8603	1-573-806-21	PIN, CONNECTOR (1.5MM) (SMD) 6P
CN8605	*1-770-468-21	PIN, CONNECTOR (PC BOARD) 10P
CN8700	1-816-587-21	PIN, CONNECTOR (PC BOARD) 15P
CN8701	1-764-081-21	PIN, CONNECTOR (PC BOARD) 9P
CN9405	1-794-032-21	PIN, CONNECTOR (PC BOARD) 11P

REF.NO.	PART.NO	DESCRIPTION	REMARK
CN9500	1-695-549-11	SOCKET, PIN 21P	
CN9501	1-695-549-11	SOCKET, PIN 21P	
CN9505	1-819-443-11	HEADER ASEEMBLY FOR PWB 15P	
		< DIODE >	
D2501	8-719-081-97	DIODE MMDL914T1	
D2502	8-719-081-97	DIODE MMDL914T1	
D2503	8-719-081-97	DIODE MMDL914T1	
D6013	6-500-551-01	DIODE MM3Z11VT1	
D6015	8-719-081-97	DIODE MMDL914T1	
D6016	8-719-081-97	DIODE MMDL914T1	
D6017	8-719-081-97	DIODE MMDL914T1	
D6019	8-719-081-97	DIODE MMDL914T1	
D6020	8-719-081-97	DIODE MMDL914T1	
D7800	8-719-081-97	DIODE MMDL914T1	
D7801	8-719-977-28	DIODE DTZ10B	
D7802	8-719-977-28	DIODE DTZ10B	
D7804	8-719-081-97	DIODE MMDL914T1	
D7807	8-719-069-60	DIODE UDZSTE-179.1B	
D7808	8-719-081-97	DIODE MMDL914T1	
D7809	8-719-081-97	DIODE MMDL914T1	
D7810	8-719-081-97	DIODE MMDL914T1	
D7811	8-719-081-97	DIODE MMDL914T1	
D7812	6-500-884-01	DIODE P6SMBJ30A-5	
D7813	6-500-884-01	DIODE P6SMBJ30A-5	
D7814	8-719-081-97	DIODE MMDL914T1	
D7816	6-500-884-01	DIODE P6SMBJ30A-5	
D7817	6-500-884-01	DIODE P6SMBJ30A-5	
D7822	8-719-081-97	DIODE MMDL914T1	
D7850	8-719-081-97	DIODE MMDL914T1	
D7860	8-719-081-97	DIODE MMDL914T1	
D7861	8-719-081-97	DIODE MMDL914T1	
D7862	8-719-081-97	DIODE MMDL914T1	
D7864	8-719-081-97	DIODE MMDL914T1	
D7889	8-719-081-97	DIODE MMDL914T1	
D7890	8-719-081-97	DIODE MMDL914T1	
D8409	6-500-551-01	DIODE MM3Z11VT1	
D8410	6-500-551-01	DIODE MM3Z11VT1	
D8411	8-719-056-82	DIODE UDZ-TE-17-6.2B	
D8413	8-719-056-82	DIODE UDZ-TE-17-6.2B	
D8414	6-500-551-01	DIODE MM3Z11VT1	
D9500	8-719-069-60	DIODE UDZSTE-179.1B	
D9501	8-719-083-63	DIODE UDZSTE-1713B	
D9502	8-719-069-55	DIODE UDZSTE-175.6B	
D9503	8-719-069-60	DIODE UDZSTE-179.1B	
D9504	8-719-069-55	DIODE UDZSTE-175.6B	
D9505	8-719-069-60	DIODE UDZSTE-179.1B	
D9506	8-719-069-55	DIODE UDZSTE-175.6B	
D9507	8-719-069-60	DIODE UDZSTE-179.1B	
D9508	8-719-083-63	DIODE UDZSTE-1713B	
D9509	8-719-069-55	DIODE UDZSTE-175.6B	
D9510	8-719-069-55	DIODE UDZSTE-175.6B	
D9511	8-719-069-60	DIODE UDZSTE-179.1B	
D9512	8-719-069-55	DIODE UDZSTE-175.6B	
D9513	8-719-069-60	DIODE UDZSTE-179.1B	
D9514	8-719-069-55	DIODE UDZSTE-175.6B	
D9534	8-719-069-55	DIODE UDZSTE-175.6B	
D9537	8-719-069-55	DIODE UDZSTE-175.6B	
D9543	8-719-081-97	DIODE MMDL914T1	
D9544	8-719-069-60	DIODE UDZSTE-179.1B	
D9545	8-719-069-60	DIODE UDZSTE-179.1B	
D9601	8-719-081-98	DIODE MM3Z6V8T1	
D9602	8-719-081-98	DIODE MM3Z6V8T1	
D9603	8-719-081-98	DIODE MM3Z6V8T1	
D9604	8-719-081-97	DIODE MMDL914T1	
D9605	8-719-081-97	DIODE MMDL914T1	
D9606	8-719-081-97	DIODE MMDL914T1	
		< FERRITE BEAD >	
FB7800	1-414-760-21	FERRITE	0UH
FB7801	1-414-760-21	FERRITE	0UH
FB7802	1-500-230-21	FERRITE	0UH
FB7803	1-500-230-21	FERRITE	0UH
FB7804	1-500-230-21	FERRITE	0UH
FB7805	1-500-230-21	FERRITE	0UH
FB7806	1-500-230-21	FERRITE	0UH
FB7807	1-500-230-21	FERRITE	0UH
FB7808	1-500-230-21	FERRITE	0UH
FB7809	1-500-230-21	FERRITE	0UH
FB7810	1-469-185-11	FERRITE	0UH
FB7811	1-469-185-11	FERRITE	0UH
FB7812	1-469-185-11	FERRITE	0UH
FB7813	1-469-185-11	FERRITE	0UH
FB7814	1-216-864-11	SHORT CHIP	0
FB7815	1-216-864-11	SHORT CHIP	0
FB8606	1-469-775-21	FERRITE	0UH
FB8607	1-414-445-11	FERRITE	0UH
FB8609	1-414-445-11	FERRITE	0UH
FB8610	1-414-445-11	FERRITE	0UH
FB8611	1-414-445-11	FERRITE	0UH
FB8622	1-414-445-11	FERRITE	0UH
FB8700	1-469-775-21	FERRITE	0UH
FB8702	1-469-775-21	FERRITE	0UH
FB8703	1-469-775-21	FERRITE	0UH
FB8704	1-469-775-21	FERRITE	0UH
FB8705	1-469-775-21	FERRITE	0UH
FB8706	1-469-775-21	FERRITE	0UH
FB8707	1-469-775-21	FERRITE	0UH
FB8709	1-469-775-21	FERRITE	0UH

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

A2E4

REF.NO.	PART.NO	DESCRIPTION	REMARK
FB8710	1-469-775-21	FERRITE	0UH
FB8711	1-469-775-21	FERRITE	0UH
FB8712	1-469-775-21	FERRITE	0UH
FB8713	1-469-775-21	FERRITE	0UH
FB8714	1-469-775-21	FERRITE	0UH
FB9503	1-469-324-21	FERRITE	0UH
FB9504	1-414-760-21	FERRITE	0UH
FB9505	1-414-760-21	FERRITE	0UH
	< FILTER >		
FL2500	1-233-765-21	FILTER	
FL7801	1-234-126-21	FERRITE	0UH
	< IC >		
IC2500	6-706-475-01	IC TC7SET02FU(T5RSOJF)	
IC2501	8-753-212-10	IC CXA2163AQ-T6	
IC2504	6-704-465-01	IC MC74LVX8053DTR2	
IC2506	6-704-465-01	IC MC74LVX8053DTR2	
IC2507	8-759-524-24	IC TC7WT241FU(TE12R)	
IC2601	6-704-465-01	IC MC74LVX8053DTR2	
IC7803	6-705-679-01	IC RC4558PWR	
IC7804	6-708-261-01	IC MSP4411K-QA-D5-001	
IC7806	6-705-679-01	IC RC4558PWR	
IC7808	8-759-359-49	IC NJM3414AV(TE2)	
IC7809	6-707-708-01	IC TPA3004D2PHPR	
IC8401	8-749-925-00	IC TK11819MTL	
IC8500	8-752-072-94	IC CXA1875AM-T4	
IC8503	8-752-072-94	IC CXA1875AM-T4	
IC9500	8-752-089-33	IC CXA2069Q-TL	
IC9501	8-759-514-57	IC BA7046F	
IC9510	6-706-999-01	IC BA09CC0WFP-E2	
	< SOCKET >		
J7800	1-507-792-00	JACK	
J7801	1-793-725-11	JACK BLOCK, PIN 2P	
J9153	1-815-015-11	JACK BLOCK, PIN	
	< COIL >		
L2500	1-409-535-11	INDUCTOR	100UH
L2504	1-412-029-11	INDUCTOR	10UH
L2506	1-412-058-11	INDUCTOR	10UH
L2507	1-412-029-11	INDUCTOR	10UH
L2508	1-412-029-11	INDUCTOR	10UH
L2509	1-412-058-11	INDUCTOR	10UH
L2510	1-412-058-11	INDUCTOR	10UH
L2511	1-412-029-11	INDUCTOR	10UH
L2512	1-412-029-11	INDUCTOR	10UH
L2513	1-412-029-11	INDUCTOR	10UH
L7805	1-412-990-41	INDUCTOR	8.2UH
L7806	1-412-058-11	INDUCTOR	10UH
L7807	1-412-058-11	INDUCTOR	10UH
L7809	1-406-663-21	INDUCTOR	47UH
L7810	1-456-515-11	INDUCTOR	33UH
L7811	1-456-515-11	INDUCTOR	33UH
L7812	1-416-865-21	INDUCTOR	33UH
L7813	1-416-865-21	INDUCTOR	33UH
L8401	1-469-528-91	INDUCTOR	100UH
L8402	1-412-550-11	INDUCTOR	1.2MH
L8700	1-412-029-11	INDUCTOR	10UH
L9500	1-412-029-11	INDUCTOR	10UH
L9502	1-412-030-11	INDUCTOR	22UH
L9503	1-414-580-21	INDUCTOR	100NH
L9504	1-414-580-21	INDUCTOR	100NH
L9505	1-414-580-21	INDUCTOR	100NH
L9506	1-412-029-11	INDUCTOR	10UH
L9508	1-412-979-21	INDUCTOR	1UH
L9509	1-412-029-11	INDUCTOR	10UH
L9510	1-412-030-11	INDUCTOR	22UH
L9511	1-412-029-11	INDUCTOR	10UH
L9512	1-412-029-11	INDUCTOR	10UH
L9521	1-412-058-11	INDUCTOR	10UH
	< PROTECTOR MODULE >		
PS7800 ⚠	1-533-596-11	IC LINK	4A 90V
PS8401 ⚠	1-576-646-11	FUSE	0.5A 50V
	< TRANSISTOR >		
Q2501	8-729-010-05	TRANSISTOR MSB709-RT1	
Q2502	8-729-010-05	TRANSISTOR MSB709-RT1	
Q2503	8-729-010-05	TRANSISTOR MSB709-RT1	
Q2504	8-729-010-05	TRANSISTOR MSB709-RT1	
Q2505	8-729-010-29	TRANSISTOR MSD601-RST1	
Q2506	8-729-029-00	TRANSISTOR DTC115EUA-T106	
Q2508	8-729-029-00	TRANSISTOR DTC115EUA-T106	
Q2509	8-729-010-29	TRANSISTOR MSD601-RST1	
Q2510	8-729-010-29	TRANSISTOR MSD601-RST1	
Q2511	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q2512	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q2513	8-729-010-29	TRANSISTOR MSD601-RST1	
Q2514	8-729-010-29	TRANSISTOR MSD601-RST1	
Q2515	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q2601	8-729-029-00	TRANSISTOR DTC115EUA-T106	
Q2611	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q2612	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q2613	8-729-122-63	TRANSISTOR 2SA1226-E4	
Q2617	8-729-117-73	TRANSISTOR 2SC4178-F14	
Q2618	8-729-117-73	TRANSISTOR 2SC4178-F14	
Q2619	8-729-117-73	TRANSISTOR 2SC4178-F14	

REF.NO.	PART.NO	DESCRIPTION	REMARK
Q6006	6-550-363-01	TRANSISTOR 2SB1690KT146	
Q6007	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q6008	6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q6010	6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q7801	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7802	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7804	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7805	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7806	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7808	8-729-905-35	TRANSISTOR 2SC4081-R	
Q7809	6-550-076-01	TRANSISTOR MUN5213T1	
Q7810	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7811	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7812	8-729-920-21	TRANSISTOR DTC314TK-T-146	
Q7813	8-729-920-21	TRANSISTOR DTC314TK-T-146	
Q7814	6-550-076-01	TRANSISTOR MUN5213T1	
Q7815	6-550-585-01	TRANSISTOR 2PC4081R-115	
Q7816	6-550-076-01	TRANSISTOR MUN5213T1	
Q7817	8-729-905-35	TRANSISTOR 2SC4081-R	
Q7818	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q7819	8-729-029-00	TRANSISTOR DTC115EUA-T106	
Q7820	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7821	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7822	8-729-010-29	TRANSISTOR MSD601-RST1	
Q7823	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q7824	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q7825	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q7826	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q7827	8-729-905-35	TRANSISTOR 2SC4081-R	
Q7829	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7830	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7831	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7832	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7833	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7834	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7835	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q8403	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q8404	8-729-905-35	TRANSISTOR 2SC4081-R	
Q8490	8-729-010-29	TRANSISTOR MSD601-RST1	
Q8500	8-729-028-73	TRANSISTOR DTA114EUA-T106	
Q8504	8-729-905-35	TRANSISTOR 2SC4081-R	
Q8505	8-729-905-35	TRANSISTOR 2SC4081-R	
Q8506	8-729-028-73	TRANSISTOR DTA114EUA-T106	
Q8507	6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q8550	8-729-050-10	TRANSISTOR PMBF170-215	
Q8551	8-729-050-10	TRANSISTOR PMBF170-215	
Q8552	8-729-023-32	TRANSISTOR 2SK2037	
Q8553	8-729-023-32	TRANSISTOR 2SK2037	
Q8601	8-729-029-00	TRANSISTOR DTC115EUA-T106	
Q8615	8-729-905-35	TRANSISTOR 2SC4081-R	
Q8616	6-550-549-01	TRANSISTOR DTC114EUAFT106	
Q9500	8-729-010-29	TRANSISTOR MSD601-RST1	
Q9508	8-729-010-29	TRANSISTOR MSD601-RST1	
Q9509	8-729-010-29	TRANSISTOR MSD601-RST1	
Q9510	8-729-927-99	TRANSISTOR 2SC4617R	
Q9511	8-729-927-99	TRANSISTOR 2SC4617R	
Q9512	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9513	8-729-010-05	TRANSISTOR MSB709-RT1	
Q9514	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9515	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9601	8-729-010-29	TRANSISTOR MSD601-RST1	

< RESISTOR >

R2500	1-216-864-11	SHORT CHIP	0		
R2501	1-216-809-11	METAL CHIP	100	5%	1/10W
R2502	1-216-809-11	METAL CHIP	100	5%	1/10W
R2503	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2506	1-216-838-11	METAL CHIP	27K	5%	1/10W
R2507	1-216-864-11	SHORT CHIP	0		
R2508	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R2511	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2512	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2514	1-216-864-11	SHORT CHIP	0		
R2515	1-216-817-11	METAL CHIP	470	5%	1/10W
R2517	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2518	1-216-864-11	SHORT CHIP	0		
R2519	1-216-864-11	SHORT CHIP	0		
R2520	1-216-864-11	SHORT CHIP	0		
R2521	1-216-864-11	SHORT CHIP	0		
R2522	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R2523	1-216-864-11	SHORT CHIP	0		
R2524	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R2528	1-216-864-11	SHORT CHIP	0		
R2529	1-216-864-11	SHORT CHIP	0		
R2530	1-216-820-11	METAL CHIP	820	5%	1/10W
R2531	1-216-818-11	METAL CHIP	560	5%	1/10W
R2534	1-216-864-11	SHORT CHIP	0		
R2535	1-216-809-11	METAL CHIP	100	5%	1/10W
R2537	1-216-809-11	METAL CHIP	100	5%	1/10W
R2538	1-216-809-11	METAL CHIP	100	5%	1/10W
R2539	1-216-809-11	METAL CHIP	100	5%	1/10W
R2540	1-216-809-11	METAL CHIP	100	5%	1/10W
R2542	1-216-809-11	METAL CHIP	100	5%	1/10W
R2544	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R2545	1-216-817-11	METAL CHIP	470	5%	1/10W
R2546	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2547	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R2548	1-216-808-11	METAL CHIP	82	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R2549	1-211-985-11	METAL CHIP	47	0.5%	1/10W
R2556	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2558	1-216-864-11	SHORT CHIP	0		
R2559	1-216-864-11	SHORT CHIP	0		
R2560	1-216-864-11	SHORT CHIP	0		
R2561	1-216-864-11	SHORT CHIP	0		
R2562	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2563	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2564	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2565	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2566	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2567	1-216-864-11	SHORT CHIP	0		
R2568	1-216-864-11	SHORT CHIP	0		
R2569	1-216-864-11	SHORT CHIP	0		
R2571	1-216-864-11	SHORT CHIP	0		
R2573	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2575	1-216-864-11	SHORT CHIP	0		
R2576	1-216-864-11	SHORT CHIP	0		
R2577	1-216-864-11	SHORT CHIP	0		
R2578	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2579	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2580	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2581	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2582	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2583	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2584	1-216-864-11	SHORT CHIP	0		
R2586	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2587	1-216-864-11	SHORT CHIP	0		
R2588	1-216-864-11	SHORT CHIP	0		
R2589	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2590	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2591	1-216-809-11	METAL CHIP	100	5%	1/10W
R2592	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2593	1-216-809-11	METAL CHIP	100	5%	1/10W
R2594	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2595	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2596	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2597	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R2598	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2599	1-216-809-11	METAL CHIP	100	5%	1/10W
R2600	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2602	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2604	1-216-857-11	METAL CHIP	1M	5%	1/10W
R2605	1-216-864-11	SHORT CHIP	0		
R2607	1-216-864-11	SHORT CHIP	0		
R2608	1-216-864-11	SHORT CHIP	0		
R2610	1-216-864-11	SHORT CHIP	0		
R2613	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R2614	1-216-864-11	SHORT CHIP	0		
R2615	1-216-864-11	SHORT CHIP	0		
R2616	1-216-864-11	SHORT CHIP	0		
R2618	1-216-864-11	SHORT CHIP	0		
R2619	1-216-864-11	SHORT CHIP	0		
R2622	1-216-864-11	SHORT CHIP	0		
R2623	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2624	1-216-864-11	SHORT CHIP	0		
R2627	1-216-864-11	SHORT CHIP	0		
R2631	1-216-864-11	SHORT CHIP	0		
R2633	1-216-813-11	METAL CHIP	220	5%	1/10W
R2634	1-216-805-11	METAL CHIP	47	5%	1/10W
R2635	1-216-864-11	SHORT CHIP	0		
R2637	1-216-813-11	METAL CHIP	220	5%	1/10W
R2638	1-216-805-11	METAL CHIP	47	5%	1/10W
R2639	1-216-864-11	SHORT CHIP	0		
R2641	1-216-813-11	METAL CHIP	220	5%	1/10W
R2642	1-216-805-11	METAL CHIP	47	5%	1/10W
R2652	1-216-801-11	METAL CHIP	22	5%	1/10W
R2654	1-216-817-11	METAL CHIP	470	5%	1/10W
R2655	1-216-805-11	METAL CHIP	47	5%	1/10W
R2656	1-216-864-11	SHORT CHIP	0		
R2658	1-216-817-11	METAL CHIP	470	5%	1/10W
R2659	1-216-805-11	METAL CHIP	47	5%	1/10W
R2661	1-216-864-11	SHORT CHIP	0		
R2663	1-216-813-11	METAL CHIP	220	5%	1/10W
R2664	1-216-805-11	METAL CHIP	47	5%	1/10W
R2665	1-216-809-11	METAL CHIP	100	5%	1/10W
R2667	1-216-813-11	METAL CHIP	220	5%	1/10W
R2668	1-216-805-11	METAL CHIP	47	5%	1/10W
R2669	1-216-809-11	METAL CHIP	100	5%	1/10W
R2671	1-216-813-11	METAL CHIP	220	5%	1/10W
R2672	1-216-805-11	METAL CHIP	47	5%	1/10W
R2680	1-216-864-11	SHORT CHIP	0		
R2682	1-216-817-11	METAL CHIP	470	5%	1/10W
R2683	1-216-805-11	METAL CHIP	47	5%	1/10W
R6031	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6032	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R6035	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6036	1-216-818-11	METAL CHIP	560	5%	1/10W
R6043	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R6044	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R6046	1-216-864-11	SHORT CHIP	0		
R6047	1-216-864-11	SHORT CHIP	0		
R6048	1-216-864-11	SHORT CHIP	0		
R6049	1-216-864-11	SHORT CHIP	0		
R6050	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6051	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6054	1-216-864-11	SHORT CHIP	0		
R6055	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R6056	1-216-864-11	SHORT CHIP	0		
R7800	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7801	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7802	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7803	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7804	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7805	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7809	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R7810	1-216-864-11	SHORT CHIP	0		
R7811	1-216-840-11	METAL CHIP	39K	5%	1/10W
R7812	1-216-840-11	METAL CHIP	39K	5%	1/10W
R7813	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R7814	1-216-864-11	SHORT CHIP	0		
R7815	1-216-864-11	SHORT CHIP	0		
R7821	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7828	1-216-836-11	METAL CHIP	18K	5%	1/10W
R7829	1-216-839-11	METAL CHIP	33K	5%	1/10W
R7830	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R7835	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7836	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7837	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7838	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7839	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7840	1-216-809-11	METAL CHIP	100	5%	1/10W
R7841	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7843	1-216-809-11	METAL CHIP	100	5%	1/10W
R7844	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7846	1-216-864-11	SHORT CHIP	0		
R7847	1-216-836-11	METAL CHIP	18K	5%	1/10W
R7848	1-216-839-11	METAL CHIP	33K	5%	1/10W
R7849	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R7851	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7852	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7853	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7854	1-216-864-11	SHORT CHIP	0		
R7856	1-216-864-11	SHORT CHIP	0		
R7857	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7859	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R7860	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R7861	1-216-864-11	SHORT CHIP	0		
R7864	1-216-805-11	METAL CHIP	47	5%	1/10W
R7865	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7866	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R7867	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R7869	1-216-834-11	METAL CHIP	12K	5%	1/10W
R7871	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7872	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7873	1-216-864-11	SHORT CHIP	0		
R7874	1-216-864-11	SHORT CHIP	0		
R7875	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7876	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7877	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7878	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R7879	1-218-890-11	METAL CHIP	62K	0.5%	1/10W
R7880	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7881	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7882	1-218-890-11	METAL CHIP	62K	0.5%	1/10W
R7883	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R7884	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7885	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7886	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7887	1-216-838-11	METAL CHIP	27K	5%	1/10W
R7888	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7889	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7895	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7896	1-216-864-11	SHORT CHIP	0		
R7897	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7898	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7899	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7900	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7901	1-216-864-11	SHORT CHIP	0		
R7902	1-216-864-11	SHORT CHIP	0		
R7903	1-216-842-11	METAL CHIP	56K	5%	1/10W
R7904	1-216-842-11	METAL CHIP	56K	5%	1/10W
R7906	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7907	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7908	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7909	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7910	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7911	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7912	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7913	1-216-864-11	SHORT CHIP	0		
R7914	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7915	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7917	1-216-864-11	SHORT CHIP	0		
R7919	1-216-864-11	SHORT CHIP	0		
R7920	1-218-872-11	METAL CHIP	11K	0.5%	1/10W
R7921	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R7922	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7923	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R7924	1-216-846-11	METAL CHIP	120K	5%	1/10W
R7925	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7926	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7927	1-216-846-11	METAL CHIP	120K	5%	1/10W
R7928	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7929	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R7930	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7931	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7932	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7933	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R7934	1-216-864-11	SHORT CHIP	0		
R7935	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7936	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7937	1-216-813-11	METAL CHIP	220	5%	1/10W
R7938	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7940	1-216-813-11	METAL CHIP	220	5%	1/10W
R7941	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7943	1-216-864-11	SHORT CHIP	0		
R7944	1-216-864-11	SHORT CHIP	0		
R7945	1-216-864-11	SHORT CHIP	0		
R7946	1-216-846-11	METAL CHIP	120K	5%	1/10W
R7947	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7948	1-216-864-11	SHORT CHIP	0		
R7949	1-216-864-11	SHORT CHIP	0		
R7951	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7952	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7953	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7954	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7956	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7957	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7958	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7959	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7960	1-216-864-11	SHORT CHIP	0		
R7961	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7962	1-216-842-11	METAL CHIP	56K	5%	1/10W
R7963	1-216-864-11	SHORT CHIP	0		
R7964	1-216-864-11	SHORT CHIP	0		
R7965	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7966	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7967	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7968	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7969	1-216-864-11	SHORT CHIP	0		
R7970	1-216-864-11	SHORT CHIP	0		
R7971	1-216-864-11	SHORT CHIP	0		
R7973	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7977	1-216-864-11	SHORT CHIP	0		
R7979	1-216-864-11	SHORT CHIP	0		
R7981	1-216-864-11	SHORT CHIP	0		
R7983	1-216-864-11	SHORT CHIP	0		
R7985	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7986	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7991	1-216-864-11	SHORT CHIP	0		
R7993	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R7994	1-218-866-11	METAL CHIP	6.2K	0.5%	1/10W
R7995	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7996	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7997	1-216-864-11	SHORT CHIP	0		
R7998	1-216-864-11	SHORT CHIP	0		
R7999	1-216-864-11	SHORT CHIP	0		
R8000	1-216-864-11	SHORT CHIP	0		
R8003	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8004	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8010	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8011	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8012	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8013	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8018	1-216-864-11	SHORT CHIP	0		
R8019	1-216-864-11	SHORT CHIP	0		
R8020	1-216-864-11	SHORT CHIP	0		
R8021	1-414-760-21	FERRITE	0UH		
R8022	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8023	1-216-864-11	SHORT CHIP	0		
R8024	1-216-864-11	SHORT CHIP	0		
R8025	1-216-864-11	SHORT CHIP	0		
R8200	1-216-864-11	SHORT CHIP	0		
R8201	1-216-864-11	SHORT CHIP	0		
R8202	1-216-864-11	SHORT CHIP	0		
R8203	1-216-864-11	SHORT CHIP	0		
R8206	1-216-864-11	SHORT CHIP	0		
R8207	1-216-864-11	SHORT CHIP	0		
R8208	1-216-864-11	SHORT CHIP	0		
R8209	1-216-864-11	SHORT CHIP	0		
R8210	1-216-864-11	SHORT CHIP	0		
R8211	1-216-864-11	SHORT CHIP	0		
R8212	1-216-864-11	SHORT CHIP	0		
R8213	1-216-864-11	SHORT CHIP	0		
R8214	1-216-864-11	SHORT CHIP	0		
R8215	1-216-864-11	SHORT CHIP	0		
R8433	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8434	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8435	1-216-864-11	SHORT CHIP	0		
R8436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8437	1-218-692-11	METAL CHIP	1K	0.5%	1/10W
R8438	1-216-805-11	METAL CHIP	47	5%	1/10W
R8439	1-216-805-11	METAL CHIP	47	5%	1/10W
R8441	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8442	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8498	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8499	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8515	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8529	1-216-864-11	SHORT CHIP	0		
R8530	1-216-864-11	SHORT CHIP	0		
R8531	1-216-864-11	SHORT CHIP	0		
R8532	1-216-864-11	SHORT CHIP	0		
R8533	1-216-864-11	SHORT CHIP	0		
R8534	1-216-864-11	SHORT CHIP	0		
R8535	1-216-864-11	SHORT CHIP	0		
R8536	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8538	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R8539	1-216-864-11	SHORT CHIP	0		
R8540	1-216-864-11	SHORT CHIP	0		
R8541	1-216-864-11	SHORT CHIP	0		
R8542	1-216-864-11	SHORT CHIP	0		
R8543	1-216-864-11	SHORT CHIP	0		
R8544	1-216-864-11	SHORT CHIP	0		
R8545	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8546	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8547	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8548	1-216-864-11	SHORT CHIP	0		
R8549	1-216-864-11	SHORT CHIP	0		
R8550	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8551	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8552	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8553	1-216-864-11	SHORT CHIP	0		
R8555	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8557	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8558	1-216-864-11	SHORT CHIP	0		
R8564	1-216-864-11	SHORT CHIP	0		
R8565	1-216-864-11	SHORT CHIP	0		
R8566	1-216-864-11	SHORT CHIP	0		
R8567	1-216-864-11	SHORT CHIP	0		
R8568	1-216-864-11	SHORT CHIP	0		
R8569	1-216-864-11	SHORT CHIP	0		
R8570	1-216-864-11	SHORT CHIP	0		
R8571	1-216-864-11	SHORT CHIP	0		
R8572	1-216-864-11	SHORT CHIP	0		
R8573	1-216-864-11	SHORT CHIP	0		
R8574	1-216-864-11	SHORT CHIP	0		
R8575	1-216-864-11	SHORT CHIP	0		
R8576	1-216-864-11	SHORT CHIP	0		
R8577	1-216-864-11	SHORT CHIP	0		
R8578	1-216-864-11	SHORT CHIP	0		
R8579	1-216-864-11	SHORT CHIP	0		
R8580	1-216-864-11	SHORT CHIP	0		
R8581	1-216-864-11	SHORT CHIP	0		
R8582	1-216-839-11	METAL CHIP	33K	5%	1/10W
R8583	1-216-864-11	SHORT CHIP	0		
R8591	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8592	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8593	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8594	1-216-864-11	SHORT CHIP	0		
R8595	1-216-864-11	SHORT CHIP	0		
R8596	1-216-864-11	SHORT CHIP	0		
R8597	1-216-864-11	SHORT CHIP	0		
R8598	1-216-864-11	SHORT CHIP	0		
R8605	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8613	1-216-809-11	METAL CHIP	100	5%	1/10W
R8617	1-216-864-11	SHORT CHIP	0		
R8618	1-216-864-11	SHORT CHIP	0		
R8619	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8620	1-216-851-11	METAL CHIP	330K	5%	1/10W
R8622	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8623	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8624	1-216-835-11	METAL CHIP	15K	5%	1/10W
R8625	1-216-864-11	SHORT CHIP	0		
R8700	1-216-864-11	SHORT CHIP	0		
R8701	1-216-864-11	SHORT CHIP	0		
R8702	1-216-864-11	SHORT CHIP	0		
R8703	1-216-864-11	SHORT CHIP	0		
R8704	1-216-864-11	SHORT CHIP	0		
R9401	1-216-864-11	SHORT CHIP	0		
R9402	1-216-864-11	SHORT CHIP	0		
R9407	1-216-864-11	SHORT CHIP	0		
R9408	1-216-864-11	SHORT CHIP	0		
R9409	1-216-864-11	SHORT CHIP	0		
R9500	1-216-864-11	SHORT CHIP	0		
R9501	1-216-864-11	SHORT CHIP	0		
R9503	1-216-815-11	METAL CHIP	330	5%	1/10W
R9504	1-216-049-11	RES-CHIP	1K	5%	1/10W
R9505	1-216-813-11	METAL CHIP	220	5%	1/10W
R9506	1-216-864-11	SHORT CHIP	0		
R9507	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9508	1-216-815-11	METAL CHIP	330	5%	1/10W
R9509	1-216-049-11	RES-CHIP	1K	5%	1/10W
R9510	1-216-029-00	RES-CHIP	150	5%	1/10W
R9511	1-216-813-11	METAL CHIP	220	5%	1/10W
R9512	1-216-864-11	SHORT CHIP	0		
R9513	1-216-025-11	RES-CHIP	100	5%	1/10W
R9514	1-216-025-11	RES-CHIP	100	5%	1/10W
R9515	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9516	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9517	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9518	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9520	1-216-029-00	RES-CHIP	150	5%	1/10W
R9521	1-216-029-00	RES-CHIP	150	5%	1/10W
R9522	1-216-029-00	RES-CHIP	150	5%	1/10W
R9523	1-216-025-11	RES-CHIP	100	5%	1/10W
R9524	1-216-025-11	RES-CHIP	100	5%	1/10W
R9525	1-216-025-11	RES-CHIP	100	5%	1/10W
R9526	1-216-022-00	RES-CHIP	75	5%	1/10W
R9527	1-216-029-00	RES-CHIP	150	5%	1/10W
R9528	1-216-029-00	RES-CHIP	150	5%	1/10W
R9529	1-216-025-11	RES-CHIP	100	5%	1/10W
R9530	1-216-809-11	METAL CHIP	100	5%	1/10W
R9531	1-216-815-11	METAL CHIP	330	5%	1/10W
R9532	1-216-049-11	RES-CHIP	1K	5%	1/10W
R9533	1-216-815-11	METAL CHIP	330	5%	1/10W
R9534	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R9535	1-216-813-11	METAL CHIP	220	5%	1/10W
R9536	1-216-864-11	SHORT CHIP	0		
R9537	1-216-813-11	METAL CHIP	220	5%	1/10W
R9538	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9539	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9540	1-216-049-11	RES-CHIP	1K	5%	1/10W
R9541	1-216-029-00	RES-CHIP	150	5%	1/10W
R9543	1-216-029-00	RES-CHIP	150	5%	1/10W
R9544	1-216-864-11	SHORT CHIP	0		
R9545	1-216-025-11	RES-CHIP	100	5%	1/10W
R9546	1-216-025-11	RES-CHIP	100	5%	1/10W
R9547	1-216-025-11	RES-CHIP	100	5%	1/10W
R9548	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9549	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9550	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9551	1-216-022-00	RES-CHIP	75	5%	1/10W
R9552	1-216-029-00	RES-CHIP	150	5%	1/10W
R9553	1-216-029-00	RES-CHIP	150	5%	1/10W
R9554	1-216-029-00	RES-CHIP	150	5%	1/10W
R9555	1-216-029-00	RES-CHIP	150	5%	1/10W
R9556	1-216-025-11	RES-CHIP	100	5%	1/10W
R9557	1-216-025-11	RES-CHIP	100	5%	1/10W
R9558	1-216-025-11	RES-CHIP	100	5%	1/10W
R9559	1-216-025-11	RES-CHIP	100	5%	1/10W
R9560	1-216-864-11	SHORT CHIP	0		
R9561	1-216-864-11	SHORT CHIP	0		
R9562	1-216-864-11	SHORT CHIP	0		
R9564	1-216-864-11	SHORT CHIP	0		
R9565	1-216-864-11	SHORT CHIP	0		
R9566	1-216-811-11	METAL CHIP	150	5%	1/10W
R9567	1-216-864-11	SHORT CHIP	0		
R9568	1-216-811-11	METAL CHIP	150	5%	1/10W
R9569	1-216-864-11	SHORT CHIP	0		
R9570	1-216-811-11	METAL CHIP	150	5%	1/10W
R9573	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R9574	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R9581	1-216-811-11	METAL CHIP	150	5%	1/10W
R9582	1-216-811-11	METAL CHIP	150	5%	1/10W
R9583	1-216-811-11	METAL CHIP	150	5%	1/10W
R9588	1-216-834-11	METAL CHIP	12K	5%	1/10W
R9589	1-216-834-11	METAL CHIP	12K	5%	1/10W
R9606	1-216-864-11	SHORT CHIP	0		
R9609	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9610	1-216-836-11	METAL CHIP	18K	5%	1/10W
R9611	1-216-809-11	METAL CHIP	100	5%	1/10W
R9612	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9613	1-216-809-11	METAL CHIP	100	5%	1/10W
R9614	1-216-864-11	SHORT CHIP	0		
R9615	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9616	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9617	1-216-809-11	METAL CHIP	100	5%	1/10W
R9618	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9619	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9620	1-216-864-11	SHORT CHIP	0		
R9621	1-216-864-11	SHORT CHIP	0		
R9623	1-216-864-11	SHORT CHIP	0		
R9624	1-216-864-11	SHORT CHIP	0		
R9626	1-216-809-11	METAL CHIP	100	5%	1/10W
R9627	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9628	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9629	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9630	1-216-809-11	METAL CHIP	100	5%	1/10W
R9631	1-216-809-11	METAL CHIP	100	5%	1/10W
R9632	1-216-864-11	SHORT CHIP	0		
R9633	1-216-864-11	SHORT CHIP	0		
R9634	1-216-864-11	SHORT CHIP	0		
R9636	1-216-864-11	SHORT CHIP	0		
R9637	1-216-864-11	SHORT CHIP	0		
R9638	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9639	1-216-809-11	METAL CHIP	100	5%	1/10W
R9640	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9641	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9642	1-216-809-11	METAL CHIP	100	5%	1/10W
R9643	1-216-809-11	METAL CHIP	100	5%	1/10W
R9644	1-216-864-11	SHORT CHIP	0		
R9645	1-216-864-11	SHORT CHIP	0		
R9646	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9647	1-216-812-11	METAL CHIP	180	5%	1/10W
R9648	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9649	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9650	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9651	1-218-898-11	METAL CHIP	130K	0.5%	1/10W
R9652	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9653	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R9656	1-216-817-11	METAL CHIP	470	5%	1/10W
R9658	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R9659	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R9660	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R9661	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R9662	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R9663	1-216-809-11	METAL CHIP	100	5%	1/10W
R9664	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R9667	1-216-850-11	METAL CHIP	270K	5%	1/10W
R9668	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9669	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9670	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R9672	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9673	1-216-813-11	METAL CHIP	220	5%	1/10W
R9675	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9676	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R9677	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9679	1-216-809-11	METAL CHIP	100	5%	1/10W
R9680	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9681	1-216-809-11	METAL CHIP	100	5%	1/10W
R9682	1-216-864-11	SHORT CHIP	0		
R9683	1-216-864-11	SHORT CHIP	0		
R9684	1-216-864-11	SHORT CHIP	0		
R9685	1-216-864-11	SHORT CHIP	0		
R9686	1-216-864-11	SHORT CHIP	0		
R9689	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9690	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9691	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9692	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9693	1-216-029-00	RES-CHIP	150	5%	1/10W
R9694	1-216-864-11	SHORT CHIP	0		
R9695	1-216-864-11	SHORT CHIP	0		
R9696	1-216-864-11	SHORT CHIP	0		
R9697	1-216-029-00	RES-CHIP	150	5%	1/10W
R9698	1-216-029-00	RES-CHIP	150	5%	1/10W
R9699	1-216-029-00	RES-CHIP	150	5%	1/10W
R9700	1-216-029-00	RES-CHIP	150	5%	1/10W
R9701	1-216-029-00	RES-CHIP	150	5%	1/10W
R9702	1-216-029-00	RES-CHIP	150	5%	1/10W
R9703	1-216-029-00	RES-CHIP	150	5%	1/10W
R9704	1-216-029-00	RES-CHIP	150	5%	1/10W
R9705	1-216-029-00	RES-CHIP	150	5%	1/10W
R9706	1-216-029-00	RES-CHIP	150	5%	1/10W
R9707	1-216-029-00	RES-CHIP	150	5%	1/10W
R9708	1-216-029-00	RES-CHIP	150	5%	1/10W
R9709	1-216-029-00	RES-CHIP	150	5%	1/10W
R9710	1-216-864-11	SHORT CHIP	0		
R9713	1-216-864-11	SHORT CHIP	0		
R9714	1-216-864-11	SHORT CHIP	0		
R9715	1-216-864-11	SHORT CHIP	0		
R9716	1-216-864-11	SHORT CHIP	0		
R9717	1-216-864-11	SHORT CHIP	0		
R9718	1-216-864-11	SHORT CHIP	0		
R9719	1-216-864-11	SHORT CHIP	0		
R9727	1-216-864-11	SHORT CHIP	0		
R9899	1-216-864-11	SHORT CHIP	0		

< TUNER >

TU9500	8-597-993-00	TUNER, FSS BTF-EF412Z	

< VARISTOR >

VD7800	1-803-974-21	VARISTOR, CHIP	(1608)
VD7801	1-801-925-21	VARISTOR, CHIP	(1608)
VD7802	1-801-925-21	VARISTOR, CHIP	(1608)
VD7803	1-803-974-21	VARISTOR, CHIP	(1608)
VD7804	1-803-974-21	VARISTOR, CHIP	(1608)
VD7805	1-803-974-21	VARISTOR, CHIP	(1608)
VD7806	1-801-925-21	VARISTOR, CHIP	(1608)
VD7807	1-801-925-21	VARISTOR, CHIP	(1608)
VD7808	1-801-925-21	VARISTOR, CHIP	(1608)
VD7809	1-801-925-21	VARISTOR, CHIP	(1608)
VDR001	1-803-974-21	VARISTOR, CHIP	(1608)
VDR002	1-803-974-21	VARISTOR, CHIP	(1608)
VDR003	1-803-974-21	VARISTOR, CHIP	(1608)
VDR004	1-803-974-21	VARISTOR, CHIP	(1608)
VDR005	1-803-974-21	VARISTOR, CHIP	(1608)
VDR006	1-803-974-21	VARISTOR, CHIP	(1608)
VDR007	1-803-974-21	VARISTOR, CHIP	(1608)
VDR008	1-803-974-21	VARISTOR, CHIP	(1608)
VDR009	1-803-974-21	VARISTOR, CHIP	(1608)
VDR010	1-803-974-21	VARISTOR, CHIP	(1608)
VDR011	1-803-974-21	VARISTOR, CHIP	(1608)
VDR012	1-803-974-21	VARISTOR, CHIP	(1608)
VDR013	1-803-974-21	VARISTOR, CHIP	(1608)

< CRYSTAL >

X2500	1-781-914-21	VIBRATOR, CRYSTAL
X7800	1-795-612-11	VIBRATOR, CRYSTAL

A2E4 Variant Parts KDL-S40A12U/S40A11E

< CONNECTOR >

CN8550	1-764-079-21	PIN, CONNECTOR (PC BOARD) 4P
CN8551	*1-695-890-21	PIN, CONNECTOR (PC BOARD) 12P

< DIODE >

D6014	8-719-081-97	DIODE MMDL914T1
D8412	8-719-056-82	DIODE UDZ-TE-17-6.2B

< RESISTOR >

R6045	1-216-864-11	SHORT CHIP	0
R8002	NOT FITTED		
R8560	1-216-864-11	SHORT CHIP	0
R8561	1-216-864-11	SHORT CHIP	0
R8562	1-216-864-11	SHORT CHIP	0
R8563	1-216-864-11	SHORT CHIP	0

A2E4 Variant Parts KLV-S40A10E

< CONNECTOR >

CN8550	NOT FITTED
CN8551	NOT FITTED

< DIODE >

D6014	NOT FITTED
D8412	NOT FITTED

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< RESISTOR >	
R6045	NOT FITTED		
R8002	1-216-845-11	METAL CHIP 100K 5% 1/10W	
R8560	NOT FITTED		
R8561	NOT FITTED		
R8562	NOT FITTED		
R8563	NOT FITTED		

***A-1139-853-A N1 Board, Complete**

*1-963-849-11	CORD WITH COAXIAL	470MM	
8-597-541-00	TUNER, FSS BTP-DC411Z		
	< CAPACITOR >		
C0001	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C0002	1-100-631-21	ELECT CHIP 82UF	20% 20V
C0003	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C0004	1-165-671-21	ELECT CHIP 470UF	20% 6.3V
C0005	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C0007	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0008	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C0009	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0015	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V
C0016	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0017	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C0018	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C0019	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C0020	1-128-991-21	ELECT CHIP 10UF	20% 50V
C0021	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0022	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C0023	1-100-053-21	ELECT CHIP 220UF	20% 6.3V
C0025	1-128-991-21	ELECT CHIP 10UF	20% 50V
C0026	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C0027	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C0028	1-117-681-11	ELECT CHIP 100UF	20.00% 16V
C0029	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C0035	1-100-053-21	ELECT CHIP 220UF	20% 6.3V
	< CONNECTOR >		
CN0001	*1-779-268-21	PIN, CONNECTOR (1.5MM)(SMD)11P	
CN0002	*1-766-376-11	PIN, CONNECTOR (1.5MM)(SMD) 9P	
CN0003	*1-764-080-21	PIN, CONNECTOR (PC BOARD) 8P	
CN0005	*1-770-468-21	PIN, CONNECTOR (PC BOARD) 10P	
	< DIODE >		
D0001	8-719-081-97	DIODE MMDL914T1	
D0002	8-719-073-34	DIODE EC21QS03L-TE12L	
D0003	8-719-081-97	DIODE MMDL914T1	
D0006	8-719-083-87	DIODE UDZS-TE17-33B	
D0007	8-719-081-97	DIODE MMDL914T1	
D0008	8-719-083-58	DIODE UDZSTE-173.9B	
	< FUSE >		
F0001 ⚠	1-576-415-21	FUSE 2A 32V	
	< FERRITE BEAD >		
FB0001	1-469-869-21	FERRITE 0UH	
FB0002	1-469-869-21	FERRITE 0UH	
FB0003	1-469-869-21	FERRITE 0UH	
FB0004	1-469-869-21	FERRITE 0UH	
	< FILTER >		
FL0001	1-239-899-21	FERRITE 0UH	
	< IC >		
IC0001	6-702-142-01	IC PQ1CY1032ZP	
IC0002	6-706-953-01	IC PQ070XZ1HZPH	
IC0004	8-759-460-79	IC BA09FP-E2	
	< COIL >		
L0001	1-409-556-11	INDUCTOR 47UH	
L0002	1-400-175-21	INDUCTOR 47UH	
L0004	1-412-006-31	INDUCTOR 10UH	
	< RESISTOR >		
R0002	1-208-696-11	METAL CHIP 3.6K 0.5% 1/16W	
R0004	1-208-691-11	METAL CHIP 2.2K 0.5% 1/16W	
R0010	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R0011	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R0012	1-218-941-81	RES-CHIP 100 5% 1/16W	
R0013	1-218-941-81	RES-CHIP 100 5% 1/16W	
R0017	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R0018	1-218-953-11	RES-CHIP 1K 5% 1/16W	
R0019	1-216-864-11	SHORT CHIP 0	
R0020	1-216-864-11	SHORT CHIP 0	
R0021	1-218-990-81	SHORT CHIP 0	
R0022	1-218-990-81	SHORT CHIP 0	
R0027	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
R0028	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W	
	< TUNER >		
TU0001	8-597-995-00	FSS BTP-DU611Z	
TU0002	1-417-580-11	RF SPLITTER	

REF.NO.	PART.NO	DESCRIPTION	REMARK
***A-1142-596-B N Board, Complete KDL-S40A11E only**			
***A-1122-473-D N Board, Complete KDL-S40A12U only**			
N Board Common Parts			
	2-580-625-01	SCREW, +B M2X8	
	4-204-791-01	SCREW + B, 2X8	
A3300	*1-815-640-21	CONNECTOR, CARD (PCMCIA CARD)	
	< CAPACITOR >		
C3100	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3101	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3102	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3103	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3104	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3105	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3106	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3107	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3108	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3109	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3110	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3111	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3112	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3113	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3114	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3115	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3116	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3117	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3118	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3119	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3120	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3121	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3122	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3123	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3124	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3125	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3126	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3127	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3128	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3129	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3130	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3131	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3132	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3133	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3134	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3135	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3136	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3137	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3138	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3200	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3201	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3202	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3203	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3204	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V
C3205	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3206	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3207	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3208	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3209	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3210	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3211	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3212	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3213	1-164-846-11	CERAMIC CHIP 6PF	0.50PF 50V
C3214	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3215	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3216	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3217	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3218	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3219	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3220	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3230	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3300	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3301	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3303	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3304	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3306	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3307	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3308	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3309	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3310	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3311	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3312	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3313	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3314	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3315	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3316	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3317	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3318	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3320	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3321	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3322	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3323	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3324	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3326	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3400	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3402	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3403	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3404	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3405	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3406	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C3407	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3408	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3409	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3410	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3411	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3412	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3413	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3414	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3415	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3416	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3417	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3418	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3419	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3420	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3421	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3422	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3423	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3424	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3425	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3426	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3427	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3428	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3429	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3430	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3431	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3432	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3433	1-100-354-21	ELECT CHIP 220UF	20% 6.3V
C3434	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3435	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3436	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3438	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3439	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3440	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3441	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C3442	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3443	1-100-597-91	CERAMIC CHIP 0.1UF	10% 25V
C3444	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3445	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3446	1-100-611-91	CERAMIC CHIP 22UF	20% 6.3V
C3447	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3448	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3449	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3450	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3451	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3452	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C3504	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3509	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C3513	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C3514	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3518	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3520	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3521	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3522	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3523	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3524	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3525	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3526	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3527	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C3528	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C3529	1-164-872-11	CERAMIC CHIP 82PF	5.00% 50V
C3530	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3531	1-164-937-11	CERAMIC CHIP 0.001UF	10.00% 50V
C3532	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C3533	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3534	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3535	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3536	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3537	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3538	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3539	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3540	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3541	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3542	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3543	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3544	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3545	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3546	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3547	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3548	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3549	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3550	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3551	1-164-943-81	CERAMIC CHIP 0.01UF	10.00% 16V
C3552	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V
C3553	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V
C3570	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3571	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3800	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3801	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3802	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3804	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3805	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3806	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3807	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3808	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3809	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3810	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3811	1-164-935-11	CERAMIC CHIP 470PF	10.00% 50V
C3812	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3813	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3814	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C3816	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C3817	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
		< CONNECTOR >	
CN3300	*1-815-641-11	CONNECTOR, CARD (PCMCIA CARD)	
CN3400	1-695-209-21	PIN, CONNECTOR (PC BOARD) 15P	
CN3401	1-764-087-21	PIN, CONNECTOR (PC BOARD) 14P	
CN3402	1-695-889-21	PIN, CONNECTOR (PC BOARD) 10P	
CN3403	*1-779-268-21	PIN, CONNECTOR (1.5MM)(SMD)11P	
CN3404	*1-766-376-11	PIN, CONNECTOR (1.5MM)(SMD) 9P	
CN3500	1-770-501-11	JACK 10P	
CN3503	*1-764-080-21	PIN, CONNECTOR (PC BOARD) 8P	
		< DIODE >	
D3400	8-719-070-20	DIODE RB706F-40	
D3401	8-719-070-20	DIODE RB706F-40	
D3402	8-719-058-24	DIODE RB501V-40TE-17	
D3500	6-501-233-01	DIODE BZA862AVL	
D3501	6-501-233-01	DIODE BZA862AVL	
D3502	6-501-233-01	DIODE BZA862AVL	
D3504	8-719-058-24	DIODE RB501V-40TE-17	
D3800	8-719-066-11	DIODE 1PS184-115	
		< FERRITE BEAD >	
FB3100	1-469-869-21	FERRITE 0UH	
FB3101	1-469-869-21	FERRITE 0UH	
FB3102	1-469-869-21	FERRITE 0UH	
FB3103	1-400-833-21	FERRITE 0UH	
FB3104	1-469-869-21	FERRITE 0UH	
FB3105	1-400-833-21	FERRITE 0UH	
FB3106	1-400-833-21	FERRITE 0UH	
FB3107	1-400-833-21	FERRITE 0UH	
FB3108	1-400-833-21	FERRITE 0UH	
FB3109	1-400-833-21	FERRITE 0UH	
FB3110	1-400-833-21	FERRITE 0UH	
FB3111	1-400-833-21	FERRITE 0UH	
FB3112	1-400-833-21	FERRITE 0UH	
FB3200	1-400-244-11	FERRITE 0UH	
FB3201	1-400-244-11	FERRITE 0UH	
FB3300	1-469-869-21	FERRITE 0UH	
FB3301	1-469-869-21	FERRITE 0UH	
FB3400	1-400-244-11	FERRITE 0UH	
FB3401	1-400-244-11	FERRITE 0UH	
FB3402	1-400-244-11	FERRITE 0UH	
FB3403	1-469-458-91	FERRITE 0UH	
FB3404	1-469-869-21	FERRITE 0UH	
FB3405	1-469-869-21	FERRITE 0UH	
FB3406	1-469-869-21	FERRITE 0UH	
FB3407	1-469-869-21	FERRITE 0UH	
FB3408	1-400-461-21	FERRITE 0UH	
FB3409	1-400-461-21	FERRITE 0UH	
FB3410	1-400-461-21	FERRITE 0UH	
FB3411	1-400-461-21	FERRITE 0UH	
FB3412	1-400-834-11	FERRITE 0UH	
FB3413	1-400-834-11	FERRITE 0UH	
FB3414	1-400-834-11	FERRITE 0UH	
FB3415	1-400-834-11	FERRITE 0UH	
FB3416	1-400-834-11	FERRITE 0UH	
FB3417	1-400-834-11	FERRITE 0UH	
FB3418	1-400-834-11	FERRITE 0UH	
FB3419	1-400-834-11	FERRITE 0UH	
FB3420	1-400-834-11	FERRITE 0UH	
FB3501	1-469-458-91	FERRITE 0UH	
FB3502	1-469-458-91	FERRITE 0UH	
FB3503	1-400-244-11	FERRITE 0UH	
FB3504	1-400-244-11	FERRITE 0UH	
FB3505	1-400-244-11	FERRITE 0UH	
FB3507	1-400-244-11	FERRITE 0UH	
FB3509	1-414-772-11	FERRITE 0UH	
FB3546	1-400-244-11	FERRITE 0UH	
FB3547	1-400-244-11	FERRITE 0UH	
FB3548	1-400-244-11	FERRITE 0UH	
FB3549	1-400-244-11	FERRITE 0UH	
FB3550	1-400-244-11	FERRITE 0UH	
FB3551	1-400-244-11	FERRITE 0UH	
FB3552	1-400-244-11	FERRITE 0UH	
FB3553	1-400-244-11	FERRITE 0UH	
FB3554	1-469-869-21	FERRITE 0UH	
FB3555	1-469-869-21	FERRITE 0UH	
FB3557	1-400-244-11	FERRITE 0UH	
FB3800	1-400-244-11	FERRITE 0UH	
FB3801	1-400-244-11	FERRITE 0UH	
FB3802	1-400-244-11	FERRITE 0UH	
FB3803	1-400-244-11	FERRITE 0UH	
FB3804	1-400-244-11	FERRITE 0UH	
FB3805	1-400-244-11	FERRITE 0UH	
FB3806	1-400-244-11	FERRITE 0UH	
		< FILTER >	
FL3500	1-239-899-21	FERRITE 0UH	
		< IC >	
IC3100	6-702-498-21	IC UPD61120AF1-100-JN1-A	
IC3200	6-707-809-01	IC EDD1216AATA-6B-E	
IC3201	6-705-271-01	IC KA5SDKAS01TSL	
IC3206	6-704-621-01	IC TC58DVM72A1TG00	
IC3301	8-759-644-48	IC 74LVC541APW	
IC3302	8-759-644-48	IC 74LVC541APW	

REF.NO.	PART.NO	DESCRIPTION	REMARK
IC3303	8-759-564-22	IC 74LVC00-PW	
IC3304	8-759-644-48	IC 74LVC541APW	
IC3305	8-759-644-48	IC 74LVC541APW	
IC3306	8-759-644-48	IC 74LVC541APW	
IC3307	8-759-298-90	IC 74LVT245PW	
IC3308	8-759-644-48	IC 74LVC541APW	
IC3309	8-759-644-48	IC 74LVC541APW	
IC3310	8-759-644-48	IC 74LVC541APW	
IC3311	8-759-298-90	IC 74LVT245PW	
IC3312	8-759-644-48	IC 74LVC541APW	
IC3313	8-759-644-48	IC 74LVC541APW	
IC3314	8-759-644-48	IC 74LVC541APW	
IC3315	8-759-564-09	IC 74LVC32A-PW	
IC3316	6-708-132-01	IC 74LVC14APW	
IC3400	6-707-808-01	IC WM8727GED/RV	
IC3401	8-759-701-40	IC NJM3404AM-T1	
IC3402	6-705-403-01	IC PQ070XZ01ZPH	
IC3403	6-705-403-01	IC PQ070XZ01ZPH	
IC3404	6-705-789-01	IC LM3526MX-H/J5000396	
IC3502	8-759-644-48	IC 74LVC541APW	
IC3504	8-753-212-44	IC CXD1976R-T6	
IC3800	6-703-175-01	IC PST3629UL	
IC3801	8-759-670-18	IC 74LVC273PW	
IC3802	8-759-670-18	IC 74LVC273PW	
IC3803	6-706-487-01	IC TC7SH08FU(T5RSOYJF)	
IC3804	8-759-564-09	IC 74LVC32A-PW	
IC3805	8-759-564-91	IC 74LVC08APW	
IC3806	6-706-487-01	IC TC7SH08FU(T5RSOYJF)	
IC3807	6-704-067-01	IC M24128-BWMN6T(A)	
		< COIL >	
L3100	1-400-859-41	INDUCTOR 0.82UH	
L3500	1-412-006-31	INDUCTOR 10UH	
L3501	1-469-842-21	INDUCTOR 0.47UH	
L3502	1-410-981-42	INDUCTOR 0.1UH	
L3503	1-410-981-42	INDUCTOR 0.1UH	
L3504	1-410-981-42	INDUCTOR 0.1UH	
		< TRANSISTOR >	
Q3400	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3401	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3402	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3403	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
Q3404	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3405	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
Q3406	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3407	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3408	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3409	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3410	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
Q3411	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
Q3412	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3504	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3800	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3801	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3804	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3805	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q3806	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R	
Q3808	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R	
		< RESISTOR >	
R3100	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3101	1-218-941-81	RES-CHIP 100 5% 1/16W	
R3102	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3103	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3104	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3105	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3106	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3107	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3108	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3109	1-218-941-81	RES-CHIP 100 5% 1/16W	
R3110	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3111	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3112	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3113	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3114	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3115	1-218-941-81	RES-CHIP 100 5% 1/16W	
R3116	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3117	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3118	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3119	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R3120	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3121	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3122	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3123	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3124	1-218-961-11	RES-CHIP 4.7K 5% 1/16W	
R3125	1-218-961-11	RES-CHIP 4.7K 5% 1/16W	
R3126	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3127	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3129	1-218-941-81	RES-CHIP 100 5% 1/16W	
R3130	1-218-941-81	RES-CHIP 100 5% 1/16W	
R3131	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3132	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3133	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3135	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3136	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3137	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3141	1-218-937-11	RES-CHIP 47 5% 1/16W	
R3145	1-218-937-11	RES-CHIP 47 5% 1/16W	

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3147	1-218-937-11	RES-CHIP	47	5%	1/16W
R3148	1-218-937-11	RES-CHIP	47	5%	1/16W
R3149	1-218-937-11	RES-CHIP	47	5%	1/16W
R3156	1-218-937-11	RES-CHIP	47	5%	1/16W
R3157	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3160	1-218-937-11	RES-CHIP	47	5%	1/16W
R3200	1-218-941-11	RES-CHIP	100	5%	1/16W
R3201	1-218-941-11	RES-CHIP	100	5%	1/16W
R3202	1-218-939-11	RES-CHIP	68	5%	1/16W
R3203	1-218-941-81	RES-CHIP	100	5%	1/16W
R3204	1-218-941-81	RES-CHIP	100	5%	1/16W
R3205	1-218-937-11	RES-CHIP	47	5%	1/16W
R3206	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3211	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3212	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3213	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3214	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3216	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3218	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3220	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3222	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3224	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3227	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3229	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3230	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3232	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3234	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3236	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3238	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3239	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3240	1-218-939-11	RES-CHIP	68	5%	1/16W
R3242	1-218-941-81	RES-CHIP	100	5%	1/16W
R3251	1-218-949-11	RES-CHIP	470	5%	1/16W
R3262	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3303	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3306	1-218-941-81	RES-CHIP	100	5%	1/16W
R3308	1-218-941-81	RES-CHIP	100	5%	1/16W
R3310	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3311	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3312	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3313	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3314	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3317	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3318	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3321	1-218-941-81	RES-CHIP	100	5%	1/16W
R3324	1-218-941-81	RES-CHIP	100	5%	1/16W
R3325	1-218-937-11	RES-CHIP	47	5%	1/16W
R3400	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3401	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3406	1-218-949-11	RES-CHIP	470	5%	1/16W
R3407	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3408	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R3415	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3421	1-218-990-81	SHORT CHIP	0		
R3422	1-218-937-11	RES-CHIP	47	5%	1/16W
R3423	1-218-937-11	RES-CHIP	47	5%	1/16W
R3424	1-218-945-11	RES-CHIP	220	5%	1/16W
R3427	1-218-949-11	RES-CHIP	470	5%	1/16W
R3428	1-218-949-11	RES-CHIP	470	5%	1/16W
R3429	1-218-949-11	RES-CHIP	470	5%	1/16W
R3430	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3433	1-218-937-11	RES-CHIP	47	5%	1/16W
R3434	1-218-937-11	RES-CHIP	47	5%	1/16W
R3435	1-218-937-11	RES-CHIP	47	5%	1/16W
R3436	1-218-937-11	RES-CHIP	47	5%	1/16W
R3438	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3439	1-218-990-81	SHORT CHIP	0		
R3440	1-218-990-81	SHORT CHIP	0		
R3441	1-218-937-11	RES-CHIP	47	5%	1/16W
R3442	1-218-949-11	RES-CHIP	470	5%	1/16W
R3444	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3445	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3446	1-218-972-11	RES-CHIP	39K	5%	1/16W
R3447	1-218-972-11	RES-CHIP	39K	5%	1/16W
R3448	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3449	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3450	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3451	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3452	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3453	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3454	1-218-948-11	RES-CHIP	390	5%	1/16W
R3455	1-218-937-11	RES-CHIP	47	5%	1/16W
R3456	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3457	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3458	1-218-941-11	RES-CHIP	100	5%	1/16W
R3459	1-218-941-11	RES-CHIP	100	5%	1/16W
R3460	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R3461	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3462	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3463	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3464	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3465	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3466	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3467	1-218-966-11	RES-CHIP	12K	5%	1/16W
R3468	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3469	1-218-949-11	RES-CHIP	470	5%	1/16W
R3470	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3471	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R3472	1-218-949-11	RES-CHIP	470	5%	1/16W
R3473	1-208-675-11	METAL CHIP	470	0.5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3474	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R3475	1-218-949-11	RES-CHIP	470	5%	1/16W
R3478	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R3479	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R3480	1-218-941-81	RES-CHIP	100	5%	1/16W
R3481	1-218-941-81	RES-CHIP	100	5%	1/16W
R3482	1-218-948-11	RES-CHIP	390	5%	1/16W
R3483	1-218-948-11	RES-CHIP	390	5%	1/16W
R3484	1-216-001-00	RES-CHIP	10	5%	1/10W
R3485	1-218-990-81	SHORT CHIP	0		
R3486	1-218-948-11	RES-CHIP	390	5%	1/16W
R3487	1-218-945-11	RES-CHIP	220	5%	1/16W
R3488	1-218-945-11	RES-CHIP	220	5%	1/16W
R3489	1-218-945-11	RES-CHIP	220	5%	1/16W
R3490	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3491	1-218-967-11	RES-CHIP	15K	5%	1/16W
R3492	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3493	1-218-941-81	RES-CHIP	100	5%	1/16W
R3500	1-216-295-91	SHORT CHIP	0		
R3501	1-216-295-91	SHORT CHIP	0		
R3502	1-216-295-91	SHORT CHIP	0		
R3504	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3505	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3506	1-218-941-81	RES-CHIP	100	5%	1/16W
R3507	1-218-941-81	RES-CHIP	100	5%	1/16W
R3508	1-216-295-91	SHORT CHIP	0		
R3509	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3510	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3511	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3516	1-218-937-11	RES-CHIP	47	5%	1/16W
R3517	1-218-937-11	RES-CHIP	47	5%	1/16W
R3518	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3537	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3543	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3545	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3546	1-218-941-81	RES-CHIP	100	5%	1/16W
R3547	1-218-941-81	RES-CHIP	100	5%	1/16W
R3548	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3550	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R3554	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3558	1-208-687-11	METAL CHIP	1.5K	0.5%	1/16W
R3559	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R3560	1-218-937-11	RES-CHIP	47	5%	1/16W
R3561	1-218-941-81	RES-CHIP	100	5%	1/16W
R3562	1-218-941-81	RES-CHIP	100	5%	1/16W
R3563	1-218-941-81	RES-CHIP	100	5%	1/16W
R3564	1-218-941-81	RES-CHIP	100	5%	1/16W
R3565	1-218-941-81	RES-CHIP	100	5%	1/16W
R3566	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3567	1-218-941-81	RES-CHIP	100	5%	1/16W
R3601	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3602	1-218-941-81	RES-CHIP	100	5%	1/16W
R3603	1-218-941-81	RES-CHIP	100	5%	1/16W
R3604	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3609	1-218-941-81	RES-CHIP	100	5%	1/16W
R3610	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3611	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3613	1-218-941-81	RES-CHIP	100	5%	1/16W
R3616	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3617	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3620	1-218-941-81	RES-CHIP	100	5%	1/16W
R3621	1-218-941-81	RES-CHIP	100	5%	1/16W
R3623	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3629	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3631	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3633	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3635	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3637	1-218-948-11	RES-CHIP	390	5%	1/16W
R3638	1-218-948-11	RES-CHIP	390	5%	1/16W
R3639	1-218-948-11	RES-CHIP	390	5%	1/16W
R3640	1-218-948-11	RES-CHIP	390	5%	1/16W
R3641	1-218-948-11	RES-CHIP	390	5%	1/16W
R3642	1-218-941-81	RES-CHIP	100	5%	1/16W
R3645	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3646	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3647	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3800	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3801	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3802	1-218-941-81	RES-CHIP	100	5%	1/16W
R3803	1-218-941-81	RES-CHIP	100	5%	1/16W
R3804	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3806	1-218-941-81	RES-CHIP	100	5%	1/16W
R3809	1-218-941-81	RES-CHIP	100	5%	1/16W
R3810	1-218-941-81	RES-CHIP	100	5%	1/16W
R3814	1-218-941-81	RES-CHIP	100	5%	1/16W
R3815	1-218-941-81	RES-CHIP	100	5%	1/16W
R3816	1-218-941-81	RES-CHIP	100	5%	1/16W
R3817	1-218-941-81	RES-CHIP	100	5%	1/16W
R3818	1-218-941-81	RES-CHIP	100	5%	1/16W
R3819	1-218-941-81	RES-CHIP	100	5%	1/16W
R3820	1-218-941-81	RES-CHIP	100	5%	1/16W
R3821	1-218-941-81	RES-CHIP	100	5%	1/16W
R3822	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3824	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3825	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3826	1-218-941-81	RES-CHIP	100	5%	1/16W
R3827	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3828	1-218-941-81	RES-CHIP	100	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3830	1-218-941-81	RES-CHIP	100	5%	1/16W
R3831	1-218-941-81	RES-CHIP	100	5%	1/16W
R3832	1-218-990-81	SHORT CHIP	0		
R3835	1-218-941-81	RES-CHIP	100	5%	1/16W
R3836	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3837	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3838	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3839	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3840	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3841	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3842	1-218-941-81	RES-CHIP	100	5%	1/16W
R3843	1-218-941-81	RES-CHIP	100	5%	1/16W
R3844	1-218-941-81	RES-CHIP	100	5%	1/16W
R3846	1-218-949-11	RES-CHIP	470	5%	1/16W
R3848	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3849	1-218-941-81	RES-CHIP	100	5%	1/16W
R3850	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3852	1-218-941-81	RES-CHIP	100	5%	1/16W
R3853	1-218-941-81	RES-CHIP	100	5%	1/16W
R3854	1-218-941-81	RES-CHIP	100	5%	1/16W
R3855	1-218-941-81	RES-CHIP	100	5%	1/16W
R3856	1-218-941-81	RES-CHIP	100	5%	1/16W
R3857	1-218-941-81	RES-CHIP	100	5%	1/16W
R3858	1-218-941-81	RES-CHIP	100	5%	1/16W
R3859	1-218-941-81	RES-CHIP	100	5%	1/16W
R3861	1-218-941-81	RES-CHIP	100	5%	1/16W
R3862	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3895	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3896	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3899	1-218-965-11	RES-CHIP	10K	5%	1/16W

< RESISTOR CHIP >

RB3100	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3101	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3102	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3103	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3104	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3105	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3106	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3107	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3108	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3109	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3110	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3200	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3201	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3202	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3203	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3204	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3206	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3207	1-234-372-21	RES, NETWORK 100	(1005X4)
RB3208	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3209	1-234-702-11	RES, NETWORK 68	(1005X4)
RB3500	1-234-371-21	RES, NETWORK 47	(1005X4)
RB3501	1-234-371-21	RES, NETWORK 47	(1005X4)

< CRYSTAL >

X3200	1-813-055-11	QUARTZ CRYSTAL UNIT
X3500	1-813-547-11	QUARTZ CRYSTAL UNIT

N Board Variant Parts KDL-S40A11E

R3139	NOT FITTED		
R3151	1-218-990-81	SHORT CHIP	0

N Board Variant Parts KDL-S40A12U

R3139	1-218-990-81	SHORT CHIP	0
R3151	NOT FITTED		

*A-1149-548-E BE Board, Complete

	2-586-173-01	SHEET A, RADIATION	
A5001	4-098-157-11	HEAT SINK (DTT)	

< CAPACITOR >

C1000	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C1001	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C1002	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C1003	1-164-156-11	CERAMIC CHIP 0.1UF		25V
C1004	1-124-779-00	ELECT CHIP 10UF	20.00%	16V
C1005	1-124-779-00	ELECT CHIP 10UF	20.00%	16V
C1006	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1007	1-124-779-00	ELECT CHIP 10UF	20.00%	16V
C1008	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1009	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1010	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1011	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1012	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1014	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1015	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1016	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C1017	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1018	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C1019	1-162-921-11	CERAMIC CHIP 33PF	5.00%	50V
C1020	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1021	1-162-921-11	CERAMIC CHIP 33PF	5.00%	50V
C1022	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C1023	1-125-777-11	CERAMIC CHIP 0.1UF	10.00%	10V
C1024	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C1026	1-126-205-11	ELECT CHIP 47UF	20.00%	6.3V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C1027	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1028	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C1029	1-126-396-11	ELECT CHIP 47UF	20.00% 16V
C1032	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1036	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C1037	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C1038	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1047	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1048	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1049	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1050	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1051	1-126-390-11	ELECT CHIP 22UF	20.00% 6.3V
C1054	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1055	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1060	1-164-842-11	CERAMIC CHIP 2PF	0.25PF 50V
C1062	1-164-842-11	CERAMIC CHIP 2PF	0.25PF 50V
C1063	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C1064	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C1065	1-115-456-21	DOUBLE LAYER 0.22F	5.5V
C5000	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5001	1-112-541-21	ELECT CHIP 10UF	20% 10V
C5003	1-112-541-21	ELECT CHIP 10UF	20% 10V
C5004	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5005	1-112-541-21	ELECT CHIP 10UF	20% 10V
C5006	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5007	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5009	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5010	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5012	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5013	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5014	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5015	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5017	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5018	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5019	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5020	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5021	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5022	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5024	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5026	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5027	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5028	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5029	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5030	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5031	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5032	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5033	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5034	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5035	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5036	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5037	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5038	1-162-916-11	CERAMIC CHIP 12PF	5.00% 50V
C5039	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5040	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5041	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5042	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C5043	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5044	1-162-917-11	CERAMIC CHIP 15PF	5.00% 50V
C5045	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C5046	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5047	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5048	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5049	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5050	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C5051	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5052	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5053	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5054	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5055	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5056	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C5057	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5058	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5059	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5060	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5061	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5062	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5063	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5064	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5065	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5066	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5067	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5068	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5069	1-112-541-21	ELECT CHIP 10UF	20% 10V
C5070	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5071	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5072	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5073	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5074	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5075	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5076	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5077	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5078	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5079	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C5080	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V
C5081	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5082	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5083	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5084	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5085	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5086	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5087	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5088	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5089	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5090	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5091	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5092	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5093	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5094	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5095	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5096	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5097	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5100	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5101	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5102	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5103	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5104	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5105	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5106	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5107	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5108	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5109	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5110	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5111	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5112	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5113	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5114	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5115	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5116	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5117	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C5404	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5500	1-126-405-11	ELECT CHIP 10UF	20.00% 50V
C5501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5502	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5503	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5504	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5505	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C5506	1-126-398-11	ELECT CHIP 4.7UF	20.00% 35V
C5507	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5508	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5509	1-126-405-11	ELECT CHIP 10UF	20.00% 50V
C5510	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5511	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5512	1-162-974-11	CERAMIC CHIP 0.01UF	50V
C5513	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5514	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C5515	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C5516	1-100-566-91	CERAMIC CHIP 0.1UF	10.00% 25V
C5700	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C5701	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5702	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5703	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5704	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C5705	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5706	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C5707	1-135-372-31	ELECT 470UF	20% 10V
C5709	1-135-372-31	ELECT 470UF	20% 10V
C5720	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5721	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5722	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5723	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5724	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5725	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5726	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5727	1-165-870-21	ELECT CHIP 100UF	20% 6.3V
C5728	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5729	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5730	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5731	1-126-392-11	ELECT CHIP 100UF	20.00% 6.3V
C5740	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5741	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C5742	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C5743	1-128-536-11	ELECT CHIP 100UF	20.00% 25V
C7400	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V
C7401	1-100-567-81	CERAMIC CHIP 10000PF	10% 25V
C7402	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C7403	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C7404	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C7405	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C7406	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C7407	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C7408	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C7409	1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C7411	1-126-205-11	ELECT CHIP 47UF	20.00% 6.3V
C7412	1-165-908-11	CERAMIC CHIP 1UF	10% 10V
C7413	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C7416	1-137-987-81	CERAMIC CHIP 0.068UF	10% 10V
C7417	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C7418	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C7422	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C7423	1-115-566-11	CERAMIC CHIP 4.7UF	10.00% 10V
C7425	1-126-401-21	ELECT CHIP 1UF	20.00% 50V
C7426	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C7427	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C7428	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7434	1-164-858-11	CERAMIC CHIP 22PF	5.00% 50V
C7437	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C7438	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C7439	1-125-777-11	CERAMIC CHIP 0.1UF	10.00% 10V
C7441	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C8535	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BE

REF.NO.		PART.NO	DESCRIPTION	REMARK
C9001		1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
C9002		1-127-573-11	CERAMIC CHIP 1UF	10% 16V
C9003		1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C9004		1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V
			< CONNECTOR >	
CN1001		*1-819-390-21	FFC/FPC CONNECTOR (ZIF) 49P	
CN1003		1-794-032-21	PIN, CONNECTOR (PC BOARD) 11P	
CN1004		1-779-936-21	CONNECTOR, FFC/FPC 18P	
CN1005		*1-564-508-11	PLUG, CONNECTOR 5P	
CN1007		1-779-884-11	CONNECTOR 4P	
CN5000		*1-818-656-21	HEADER ASSEMBLY 30P	
CN5400		1-794-930-21	CONNECTOR, D SUB	
CN5402		1-573-806-21	PIN, CONNECTOR (1.5MM) (SMD)6P	
CN5404		1-695-209-21	PIN, CONNECTOR (PC BOARD) 15P	
CN5405		1-784-254-11	CONNECTOR 10P	
			< DIODE >	
D1000		8-719-066-10	DIODE 1PS181-115	
D1010		8-719-036-94	DIODE RD5.6SB-T1	
D1011		8-719-036-94	DIODE RD5.6SB-T1	
D1050		8-719-041-97	DIODE MA113-(TX)	
D5400		8-719-073-39	DIODE HZU5.6GTRF	
D5401		8-719-073-39	DIODE HZU5.6GTRF	
D5402		8-719-073-39	DIODE HZU5.6GTRF	
D5405		8-719-801-78	DIODE 1SS184	
D5701		8-719-073-34	DIODE EC21QS03L-TE12L	
D5703		8-719-073-34	DIODE EC21QS03L-TE12L	
D5704		6-500-020-01	DIODE MM3Z4V3ST1	
D5705		6-500-020-01	DIODE MM3Z4V3ST1	
D7400		8-719-421-67	DIODE MA132WK	
D7401		8-719-421-67	DIODE MA132WK	
D7402		8-719-066-10	DIODE 1PS181-115	
D7403		8-719-081-97	DIODE MMDL914T1	
D7405		8-719-081-97	DIODE MMDL914T1	
D7406		8-719-081-97	DIODE MMDL914T1	
D7407		8-719-421-59	DIODE MA3130WA-TX	
D7408		8-719-421-59	DIODE MA3130WA-TX	
			< FUSE >	
F5701	⚠	1-576-646-11	FUSE 0.5A 50V	
			< FERRITE BEAD >	
FB1000		1-414-760-21	FERRITE 0UH	
FB5400		1-469-100-21	FERRITE 0UH	
FB5401		1-469-100-21	FERRITE 0UH	
FB5402		1-469-100-21	FERRITE 0UH	
FB5403		1-400-141-22	FERRITE 0UH	
FB5500		1-400-179-21	INDUCTOR 0UH	
FB5501		1-400-179-21	INDUCTOR 0UH	
FB7400		1-414-445-11	FERRITE 0UH	

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< FILTER >	
FL5000	1-234-177-21	FERRITE 0UH	
FL5001	1-234-177-21	FERRITE 0UH	
FL5002	1-234-177-21	FERRITE 0UH	
FL5003	1-234-177-21	FERRITE 0UH	
FL5004	1-234-177-21	FERRITE 0UH	
FL5005	1-234-177-21	FERRITE 0UH	
FL5006	1-234-177-21	FERRITE 0UH	
FL5007	1-234-177-21	FERRITE 0UH	
FL5500	1-234-177-21	FERRITE 0UH	
FL5501	1-234-177-21	FERRITE 0UH	
		< IC >	
IC1000	6-704-117-01	IC S-1111B33MC-NYSTFG	
IC1001	6-706-640-01	IC BH25FB1WG-TR	
IC1002	1-540-151-21	SOCKET, IC	
IC1003	6-706-232-01	IC SDA5550M-QB-T	
IC1004	8-759-476-80	IC LM75CIMX-3	
IC1005	6-704-573-01	IC M24C32-WMN6T(B)	
IC1006	6-702-313-01	IC PST600IMT	
IC1007	6-700-108-01	IC RV5C387A-E2-FB	
IC1010	6-706-419-01	IC LM393DT (A)	
IC5000	6-708-533-01	IC SVPEX-SREVB	
IC5400	6-704-600-01	IC M24C02-WMN6T(B)	
IC5500	6-708-183-01	IC K4D263238G-VC36T	
IC5700	6-704-407-01	IC PQ1CZ41H2ZPH	
IC5701	6-704-407-01	IC PQ1CZ41H2ZPH	
IC5720	8-759-832-05	IC BA18BC0FP-E2	
IC5721	8-759-832-05	IC BA18BC0FP-E2	
IC5722	6-700-394-01	IC BA25BC0FP-E2	
IC5740	8-759-533-85	IC L88M05T-FA-TL	
IC7400	8-759-679-54	IC SN74LVC14APWR	
IC7401	8-759-646-02	IC M52347FP-TE	
IC7402	8-752-072-94	IC CXA1875AM-T4	
IC7403	6-705-950-01	IC K6F2008V2E-LF70000	
IC7404	8-759-701-01	IC NJM2904M	
		< COIL >	
L1000	1-412-058-11	INDUCTOR 10UH	
L1001	1-414-394-11	INDUCTOR 2.2UH	
L5000	1-414-394-11	INDUCTOR 2.2UH	
L5001	1-414-394-11	INDUCTOR 2.2UH	
L5002	1-414-394-11	INDUCTOR 2.2UH	
L5003	1-414-394-11	INDUCTOR 2.2UH	
L5004	1-400-179-21	INDUCTOR 0UH	
L5005	1-400-179-21	INDUCTOR 0UH	
L5006	1-216-801-11	METAL CHIP 22 5% 1/10W	
L5007	1-216-801-11	METAL CHIP 22 5% 1/10W	
L5008	1-456-984-11	INDUCTOR 0UH	
L5009	1-456-984-11	INDUCTOR 0UH	

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BE

REF.NO.	PART.NO	DESCRIPTION	REMARK
L5010	1-400-179-21	INDUCTOR 0UH	
L5011	1-400-180-21	INDUCTOR 0UH	
L5012	1-456-984-11	INDUCTOR 0UH	
L5013	1-456-984-11	INDUCTOR 0UH	
L5014	1-456-984-11	INDUCTOR 0UH	
L5015	1-400-179-21	INDUCTOR 0UH	
L5700	1-409-529-41	INDUCTOR 10UH	
L5701	1-456-786-21	INDUCTOR 47UH	
L5702	1-456-786-21	INDUCTOR 47UH	
L5729	1-400-784-21	INDUCTOR 4.7UH	
		< PROTECTOR MODULE >	
PS5700 ⚠	1-533-652-41	IC LINK 2A 24V	
		< TRANSISTOR >	
Q1001	8-729-010-05	TRANSISTOR MSB709-RT1	
Q1011	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q1012	8-729-045-62	TRANSISTOR 2SK2158-T2B	
Q5700	8-729-046-04	TRANSISTOR FDS6690A	
Q7401	8-729-927-99	TRANSISTOR 2SC4617R	
Q7402	8-729-927-99	TRANSISTOR 2SC4617R	
Q7410	8-729-928-19	TRANSISTOR 2SA1774R	
Q7412	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q7415	8-729-421-22	TRANSISTOR UN2211	
Q7416	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7417	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7418	8-729-010-05	TRANSISTOR MSB709-RT1	
Q7419	8-729-927-99	TRANSISTOR 2SC4617R	
Q7420	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q7421	8-729-028-73	TRANSISTOR DTA114EUA-T106	
Q7422	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
		< RESISTOR >	
R1001	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1002	1-218-990-81	SHORT CHIP 0	
R1003	1-218-990-81	SHORT CHIP 0	
R1004	1-216-864-11	SHORT CHIP 0	
R1005	1-216-864-11	SHORT CHIP 0	
R1009	1-218-990-81	SHORT CHIP 0	
R1010	1-218-990-81	SHORT CHIP 0	
R1011	1-218-990-81	SHORT CHIP 0	
R1012	1-218-990-81	SHORT CHIP 0	
R1013	1-218-990-81	SHORT CHIP 0	
R1014	1-218-990-81	SHORT CHIP 0	
R1015	1-218-990-81	SHORT CHIP 0	
R1016	1-218-990-81	SHORT CHIP 0	
R1017	1-218-990-81	SHORT CHIP 0	
R1019	1-218-973-11	RES-CHIP 47K 5% 1/16W	
R1020	1-218-973-11	RES-CHIP 47K 5% 1/16W	

REF.NO.	PART.NO	DESCRIPTION	REMARK
R1021	1-218-973-11	RES-CHIP 47K 5% 1/16W	
R1027	1-218-990-81	SHORT CHIP 0	
R1028	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1030	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1031	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R1033	1-218-847-11	METAL CHIP 1K 0.5% 1/10W	
R1034	1-218-990-81	SHORT CHIP 0	
R1035	1-218-853-11	METAL CHIP 1.8K 0.5% 1/10W	
R1036	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1037	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1038	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1039	1-218-929-11	RES-CHIP 10 5% 1/16W	
R1040	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1041	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1042	1-218-990-81	SHORT CHIP 0	
R1043	1-218-990-81	SHORT CHIP 0	
R1044	1-218-990-81	SHORT CHIP 0	
R1045	1-218-953-11	RES-CHIP 1K 5% 1/16W	
R1046	1-218-990-81	SHORT CHIP 0	
R1047	1-218-990-81	SHORT CHIP 0	
R1053	1-218-937-11	RES-CHIP 47 5% 1/16W	
R1054	1-218-937-11	RES-CHIP 47 5% 1/16W	
R1056	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R1059	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1060	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1062	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1063	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1064	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1065	1-216-809-11	METAL CHIP 100 5% 1/10W	
R1066	1-218-990-81	SHORT CHIP 0	
R1068	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1069	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1073	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1075	1-216-813-11	METAL CHIP 220 5% 1/10W	
R1076	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1082	1-218-990-81	SHORT CHIP 0	
R1083	1-218-965-11	RES-CHIP 10K 5% 1/16W	
R1102	1-218-990-81	SHORT CHIP 0	
R1103	1-218-990-81	SHORT CHIP 0	
R1104	1-218-990-81	SHORT CHIP 0	
R1105	1-218-990-81	SHORT CHIP 0	
R1106	1-218-990-81	SHORT CHIP 0	
R1107	1-218-990-81	SHORT CHIP 0	
R1108	1-218-990-81	SHORT CHIP 0	
R1109	1-218-990-81	SHORT CHIP 0	
R1110	1-218-990-81	SHORT CHIP 0	
R1111	1-218-990-81	SHORT CHIP 0	
R1112	1-218-990-81	SHORT CHIP 0	
R1115	1-216-864-11	SHORT CHIP 0	
R1120	1-216-864-11	SHORT CHIP 0	

REF.NO.	PART.NO	DESCRIPTION			REMARK
R1126	1-218-941-81	RES-CHIP	100	5%	1/16W
R1200	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1201	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1202	1-218-990-81	SHORT CHIP	0		
R1203	1-216-864-11	SHORT CHIP	0		
R1204	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1205	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1207	1-218-990-81	SHORT CHIP	0		
R1208	1-216-864-11	SHORT CHIP	0		
R1209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1215	1-216-864-11	SHORT CHIP	0		
R1218	1-216-864-11	SHORT CHIP	0		
R1220	1-216-864-11	SHORT CHIP	0		
R1223	1-216-864-11	SHORT CHIP	0		
R1224	1-216-864-11	SHORT CHIP	0		
R1231	1-216-864-11	SHORT CHIP	0		
R1232	1-216-864-11	SHORT CHIP	0		
R1250	1-218-990-81	SHORT CHIP	0		
R5000	1-216-864-11	SHORT CHIP	0		
R5001	1-216-864-11	SHORT CHIP	0		
R5002	1-216-864-11	SHORT CHIP	0		
R5003	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5005	1-216-864-11	SHORT CHIP	0		
R5007	1-216-864-11	SHORT CHIP	0		
R5008	1-216-864-11	SHORT CHIP	0		
R5009	1-216-864-11	SHORT CHIP	0		
R5010	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5012	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R5013	1-216-864-11	SHORT CHIP	0		
R5015	1-216-864-11	SHORT CHIP	0		
R5016	1-216-864-11	SHORT CHIP	0		
R5017	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5018	1-218-990-81	SHORT CHIP	0		
R5022	1-216-864-11	SHORT CHIP	0		
R5023	1-216-864-11	SHORT CHIP	0		
R5032	1-218-933-11	RES-CHIP	22	5%	1/16W
R5033	1-218-933-11	RES-CHIP	22	5%	1/16W
R5034	1-218-990-81	SHORT CHIP	0		
R5035	1-216-295-91	SHORT CHIP	0		
R5036	1-216-295-91	SHORT CHIP	0		
R5037	1-216-864-11	SHORT CHIP	0		
R5038	1-216-864-11	SHORT CHIP	0		
R5039	1-216-864-11	SHORT CHIP	0		
R5040	1-216-864-11	SHORT CHIP	0		
R5041	1-216-864-11	SHORT CHIP	0		
R5043	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5400	1-216-805-11	METAL CHIP	47	5%	1/10W
R5404	1-216-805-11	METAL CHIP	47	5%	1/10W
R5409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5411	1-216-805-11	METAL CHIP	47	5%	1/10W
R5412	1-216-805-11	METAL CHIP	47	5%	1/10W
R5413	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5414	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5417	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5418	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5419	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5420	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5421	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R5422	1-216-845-11	METAL CHIP	100K	5%	1/10W
R5424	1-216-864-11	SHORT CHIP	0		
R5425	1-216-864-11	SHORT CHIP	0		
R5426	1-216-864-11	SHORT CHIP	0		
R5427	1-216-864-11	SHORT CHIP	0		
R5428	1-216-864-11	SHORT CHIP	0		
R5500	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R5501	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R5502	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R5503	1-211-986-11	METAL CHIP	51	0.5%	1/10W
R5504	1-218-933-11	RES-CHIP	22	5%	1/16W
R5505	1-218-933-11	RES-CHIP	22	5%	1/16W
R5506	1-218-933-11	RES-CHIP	22	5%	1/16W
R5507	1-218-933-11	RES-CHIP	22	5%	1/16W
R5508	1-218-933-11	RES-CHIP	22	5%	1/16W
R5509	1-218-933-11	RES-CHIP	22	5%	1/16W
R5510	1-218-990-81	SHORT CHIP	0		
R5511	1-218-990-81	SHORT CHIP	0		
R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R5513	1-218-933-11	RES-CHIP	22	5%	1/16W
R5514	1-218-933-11	RES-CHIP	22	5%	1/16W
R5515	1-218-933-11	RES-CHIP	22	5%	1/16W
R5516	1-218-933-11	RES-CHIP	22	5%	1/16W
R5700	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5703	1-216-295-91	SHORT CHIP	0		
R5704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5705	1-216-295-91	SHORT CHIP	0		
R5706	1-216-295-91	SHORT CHIP	0		
R5707	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5708	1-216-295-91	SHORT CHIP	0		
R5709	1-216-295-91	SHORT CHIP	0		
R5710	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5711	1-218-853-11	METAL CHIP	1.8K	0.5%	1/10W
R5712	1-216-295-91	SHORT CHIP	0		
R5714	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5715	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5716	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R5717	1-216-295-91	SHORT CHIP	0		
R5718	1-216-295-91	SHORT CHIP	0		
R5719	1-216-295-91	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5720	1-216-295-91	SHORT CHIP	0		
R5721	1-216-295-91	SHORT CHIP	0		
R5722	1-216-295-91	SHORT CHIP	0		
R5723	1-216-295-91	SHORT CHIP	0		
R5724	1-216-295-91	SHORT CHIP	0		
R5725	1-216-295-91	SHORT CHIP	0		
R5726	1-216-295-91	SHORT CHIP	0		
R5727	1-216-295-91	SHORT CHIP	0		
R5728	1-216-295-91	SHORT CHIP	0		
R5729	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5730	1-216-295-91	SHORT CHIP	0		
R5731	1-216-295-91	SHORT CHIP	0		
R5732	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R5733	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5740	1-216-295-91	SHORT CHIP	0		
R5742	1-216-295-91	SHORT CHIP	0		
R7400	1-208-713-11	METAL CHIP	18K	0.5%	1/16W
R7401	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
R7402	1-218-949-11	RES-CHIP	470	5%	1/16W
R7403	1-208-715-11	METAL CHIP	22K	0.5%	1/16W
R7404	1-208-713-11	METAL CHIP	18K	0.5%	1/16W
R7407	1-218-949-11	RES-CHIP	470	5%	1/16W
R7410	1-218-933-11	RES-CHIP	22	5%	1/16W
R7411	1-218-933-11	RES-CHIP	22	5%	1/16W
R7413	1-218-949-11	RES-CHIP	470	5%	1/16W
R7417	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7418	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7420	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R7424	1-218-937-11	RES-CHIP	47	5%	1/16W
R7432	1-218-990-81	SHORT CHIP	0		
R7433	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7435	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R7436	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7439	1-218-990-81	SHORT CHIP	0		
R7440	1-218-990-81	SHORT CHIP	0		
R7443	1-218-990-81	SHORT CHIP	0		
R7444	1-218-990-81	SHORT CHIP	0		
R7445	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R7446	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7447	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7448	1-218-990-81	SHORT CHIP	0		
R7449	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7450	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R7455	1-218-990-81	SHORT CHIP	0		
R7456	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R7459	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W
R7460	1-218-849-11	METAL CHIP	1.2K	0.5%	1/10W
R7461	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7469	1-218-849-11	METAL CHIP	1.2K	0.5%	1/10W
R7474	1-216-864-11	SHORT CHIP	0		
R7475	1-216-864-11	SHORT CHIP	0		
R7476	1-216-864-11	SHORT CHIP	0		
R7482	1-218-990-81	SHORT CHIP	0		
R7484	1-218-990-81	SHORT CHIP	0		
R7485	1-218-990-81	SHORT CHIP	0		
R7486	1-218-990-81	SHORT CHIP	0		
R7487	1-218-990-81	SHORT CHIP	0		
R7488	1-218-990-81	SHORT CHIP	0		
R7489	1-218-990-81	SHORT CHIP	0		
R7490	1-218-990-81	SHORT CHIP	0		
R7491	1-218-990-81	SHORT CHIP	0		
R7492	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7493	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7494	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7495	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7496	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7497	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7499	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7504	1-216-809-11	METAL CHIP	100	5%	1/10W
R7505	1-216-809-11	METAL CHIP	100	5%	1/10W
R7506	1-216-809-11	METAL CHIP	100	5%	1/10W
R7507	1-216-809-11	METAL CHIP	100	5%	1/10W
R7509	1-216-809-11	METAL CHIP	100	5%	1/10W
R7510	1-216-809-11	METAL CHIP	100	5%	1/10W
R7511	1-216-809-11	METAL CHIP	100	5%	1/10W
R7512	1-216-809-11	METAL CHIP	100	5%	1/10W
R7514	1-218-990-81	SHORT CHIP	0		
R7515	1-218-990-81	SHORT CHIP	0		
R7516	1-218-990-81	SHORT CHIP	0		
R7517	1-218-990-81	SHORT CHIP	0		
R7518	1-218-990-81	SHORT CHIP	0		
R7519	1-218-990-81	SHORT CHIP	0		
R7520	1-216-864-11	SHORT CHIP	0		
R7521	1-218-990-81	SHORT CHIP	0		
R7522	1-218-990-81	SHORT CHIP	0		
R7523	1-218-990-81	SHORT CHIP	0		
R7524	1-218-990-81	SHORT CHIP	0		
R7525	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7526	1-216-817-11	METAL CHIP	470	5%	1/10W
R7527	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7528	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R7529	1-218-990-81	SHORT CHIP	0		
R7531	1-218-990-81	SHORT CHIP	0		
R7532	1-218-990-81	SHORT CHIP	0		
R7533	1-218-990-81	SHORT CHIP	0		
R7534	1-218-990-81	SHORT CHIP	0		
R7535	1-218-990-81	SHORT CHIP	0		
R7537	1-218-990-81	SHORT CHIP	0		
R7538	1-218-990-81	SHORT CHIP	0		
R7541	1-218-990-81	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION			REMARK
R7542	1-218-990-81	SHORT CHIP	0		
R7549	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R7550	1-218-990-81	SHORT CHIP	0		
R7552	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7556	1-216-809-11	METAL CHIP	100	5%	1/10W
R7561	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7564	1-216-809-11	METAL CHIP	100	5%	1/10W
R7565	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7566	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7568	1-218-990-81	SHORT CHIP	0		
R7569	1-218-990-81	SHORT CHIP	0		
R7570	1-218-990-81	SHORT CHIP	0		
R7571	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R7577	1-216-809-11	METAL CHIP	100	5%	1/10W
R7578	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7587	1-218-845-11	METAL CHIP	820	0.5%	1/10W
R7588	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7589	1-218-990-81	SHORT CHIP	0		
R7590	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7591	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7592	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7594	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7595	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7596	1-216-809-11	METAL CHIP	100	5%	1/10W
R7597	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7598	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7599	1-218-990-81	SHORT CHIP	0		
R7600	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7601	1-216-809-11	METAL CHIP	100	5%	1/10W
R7602	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7603	1-220-397-11	METAL CHIP	4.7M	5%	1/10W
R7606	1-216-864-11	SHORT CHIP	0		
R7607	1-216-864-11	SHORT CHIP	0		
R7608	1-216-817-11	METAL CHIP	470	5%	1/10W
R7612	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7613	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7614	1-216-864-11	SHORT CHIP	0		

< RESISTOR CHIP >

RB1000	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1001	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1002	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1003	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1004	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1005	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1006	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1007	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1008	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB1009	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB1010	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1011	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1012	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1013	1-234-371-21	RES, NETWORK 47	(1005X4)
RB1014	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1015	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1016	1-234-372-21	RES, NETWORK 100	(1005X4)
RB1017	1-234-372-21	RES, NETWORK 100	(1005X4)
RB4703	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB4704	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4705	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4706	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB5500	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5501	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5502	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5503	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5505	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5506	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5507	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5509	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5510	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5511	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5512	1-234-370-21	RES, NETWORK 22	(1005X4)

< THERMISTOR >

TH7400	1-809-350-21	THERMISTOR, NTC (2125)	

< VARISTOR >

VD5400	1-803-974-21	VARISTOR, CHIP	(1608)
VD5401	1-803-974-21	VARISTOR, CHIP	(1608)
VD5402	1-803-974-21	VARISTOR, CHIP	(1608)
VD5403	1-803-974-21	VARISTOR, CHIP	(1608)
VD5404	1-803-974-21	VARISTOR, CHIP	(1608)

< CRYSTAL >

X1000	1-795-537-21	VIBRATOR, CRYSTAL
X1001	1-781-696-31	VIBRATOR, CRYSTAL
X5000	1-795-790-11	VIBRATOR, CRYSTAL

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK

MISCELLANEOUS

	1-826-231-11	SPEAKER	
	1-805-879-11	LCD PANEL	
⚠	1-819-763-11	INLET, AC (WITH NOISE FILTER)	
	8-597-541-00	TUNER, FSS BTP-DC4611Z (KDL-S40A12U/A11E)	
	8-597-993-00	TUNER, FSS BTF-EF412Z	
⚠	1-830-611-21	POWER-SUPPLY CORD (KLV-S40A10E/ KDL-S40A11E)	
⚠	1-830-609-21	POWER-SUPPLY CORD (KDL-S40A12U)	

ACCESSORIES AND CONNECTORS

*2-635-218-13	MANUAL, INSTRUCTION (KDL-S40A12U) (ENGLISH)	
*2-635-384-13	MANUAL, INSTRUCTION (KLV-S40A10E) (ENGLISH/GERMAN/DUTCH/PORTUGUESE/NORWEGIAN)	
*2-635-384-23	MANUAL, INSTRUCTION (KLV-S40A10E) (FRENCH/ITALIAN/SPANISH/FINNISH)	
*2-635-384-33	MANUAL, INSTRUCTION (KLV-S40A10E) (SWEDISH/DANISH/GREEK/RUSSIAN/POLISH)	
*2-655-830-11	MANUAL, INSTRUCTION (KDL-S40A11E) (ENGLISH/GERMAN/FRENCH/SPANISH)	
*2-655-830-21	MANUAL, INSTRUCTION (KDL-S40A11E) (ITALIAN/SWEDISH/FINNISH/DANISH)	
X-2102-511-1	BAG ASSY, RUDDER LOCK	
*1-830-852-12	HARNESS WITH CONNECTOR (LVDS)	
*1-910-016-15	CONNECTOR ASSY 9P (KDL-S40A12U/A11E)	
*1-910-016-16	CONNECTOR ASSY 11P (KDL-S40A12U/A11E)	
*1-910-016-17	CONNECTOR ASSY 8P (KDL-S40A12U/A11E)	
*1-910-016-18	CONNECTOR ASSY 10P (KDL-S40A12U/A11E)	
*1-910-016-20	CONNECTOR ASSY 14P (KDL-S40A12U/A11E)	
*1-910-016-21	CONNECTOR ASSY 15P (KDL-S40A12U/A11E)	
*1-910-016-39	CONNECTOR ASSY 9P	
*1-910-016-44	CONNECTOR ASSY 5P	
*1-910-019-25	CONNECTOR ASSY 14P	
*1-910-020-01	HARNESS ASSY 4P	
*1-910-020-02	SPEAKER HARNESS ASSY	
*1-910-020-04	CONNECTOR ASSY 9/6P	
*1-910-020-05	CONNECTOR ASSY 14P	
*1-910-020-06	CONNECTOR ASSY 15P	
*1-910-020-07	HARNESS ASSY 15P	
*1-910-020-08	HARNESS ASSY 11P	
*1-910-021-59	FFC CABLE 49 PINS	
*1-910-023-30	CONNECTOR ASSY 10P	
*1-910-023-31	HARNESS ASSY H2	

REMOTE COMMANDER

1-479-392-12	REMOTE COMMANDER (RM-ED002) (KDL-S40A12U/A11E)	
1-479-393-11	REMOTE COMMANDER (RM-EA002) (KLV-S40A10E)	

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